

MANUFACTURER'S NAME: *Tamco*

ADDRESS : 431 west 25th st
Norfolk, V.. 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 10-15

OSHA PEL: 100 ppm

ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 3-5

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15

OSHA PEL: 750 ppm

ACGIH TLV: 1780 Mg/M³

METHYL NORMAL AMYL KETONE 110-43-0 2.14 68F 5-10

OSHA PEL: 100 ppm

ACGIH TLV: 233 MG/M³

ETHYL BENZENE 100-41-4 2 77F <4

OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH

TLV: 10 Mg/M³

====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.98

VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.20 Lb/Gal

%VOLATILES (VOLUME): 59.8% %SOLIDS (WT): 44.0%

COATING VOC: 3.98 Lb/Gal SOLUBILITY IN WATER: NEGL.

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN. WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR. IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARU EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXODANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY Tamco. TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

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PRODUCT CODE: HC-7600 / 7500 PRODUCT NAME: FAST FLASH CLEAR/
UNIVERSAL CLEAR

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: TAMCO

ADDRESS : 431 WEST 25T STREET
NORFOLK, VA 23517

INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 10-15
OSHA PEL: 100 ppm
ACGIH TLV: 435Mg/M³

TBAC 540-88-5 10 100F 20-35
OSHA PEL: 200 ppm
ACGIH TLV: 435Mg/M³
HAPS NONE

METHYL NORMAL AMYL KETONE 110-43-0 2.14 68F 15-20
OSHA PEL: 100 ppm
ACGIH TLV: 233 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15
OSHA PEL: 750 ppm
ACGIH TLV: 1780 Mg/M³

ETHYL BENZENE 100-41-4 2 77F <5
OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH
TLV: 10 Mg/M³

====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.93
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 7.70 lb/Gal
%VOLATILES (VOLUME): 73.1% %SOLIDS (WT): 33.7%
COATING VOC: 3.78 lb/Gal SOLUBILITY IN WATER: NEGL.
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT
TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES.
MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR.
IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION,
VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES,
AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED
VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.
INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED
REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN
AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING
THE CONTENTS MAY BE HARMFUL OR FATAL.
EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF
BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE
CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH
THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN
CAUSE CHEMICAL PNEUMONITIS AND PULMONARU EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL
SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING
COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE.
DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXODANTS. TO REDUCE FIRE
OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT
TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.
OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE
OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).
VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST:
OVER 60 FPM RECOMMENDED.
PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179
EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75
C/75
WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY
CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY
CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND
MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

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SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE
AND OBTAINED FROM SOURCES BELIEVED BY
TAMCO, INC. TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

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PRODUCT CODE: **HC-2020/2021** PRODUCT NAME: URETHANE CLEAR

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Tamco
ADDRESS : 431 west 25th st
Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 7-12
OSHA PEL: 100 ppm
ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 3-5
OSHA PEL: 150 ppm
ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15
OSHA PEL: 750 ppm
ACGIH TLV: 1780 Mg/M³

TOLUENE 108-88-3 36 86F 5-10
OSHA PEL: 100 ppm
ACGIH TLV: 377 Mg/M³

AROMATIC NAPHTHA 64742-95-6 3 68F 7-12
OSHA PEL: 100 ppm

ETHYL BENZENE 100-41-4 2 77 F <4
OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH
TLV: 10 Mg/M³

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.98
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.20 Lb/Gal
%VOLATILES (VOLUME): 59.6% %SOLIDS (WT): 44.6%
COATING VOC: 3.98 Lb/Gal SOLUBILITY IN WATER: NEGL.
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR. IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS. INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
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OTHER PRECAUTIONS: N/A

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EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88
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M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HC-2042 PRODUCT NAME: SPEED CLEAR

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *HARPEA*
ADDRESS : *P.O. BOX 1005*
DELAWARE, OH 43015

INFORMATION PHONE : *740-369-2150*
EMERGENCY PHONE : *800-424-9300*

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 7-12

OSHA PEL: 100 ppm

ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 3-5

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15

OSHA PEL: 750 ppm

ACGIH TLV: 1780 Mg/M³

TOLUENE 108-88-3 36 86F 5-10

OSHA PEL: 100 ppm

ACGIH TLV: 377 Mg/M³

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OSHA PEL: 100 ppm

ETHYL BENZENE 100-41-4 2 77 F <4

OSHA PEL: 100 ppm

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NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH

TLV: 10 Mg/M³

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VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.20 Lb/Gal

%VOLATILES (VOLUME): 59.6% %SOLIDS (WT): 44.6%

COATING VOC: 3.98 Lb/Gal SOLUBILITY IN WATER: NEGL.

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN. WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

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CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
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HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY Tamco, INC. TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HC-7677 PRODUCT NAME: NO WAX CLEAR

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: TAMCO

ADDRESS : 431 West 25th St
Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 10-15
OSHA PEL: 100 ppm
ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 3-5
OSHA PEL: 150 ppm
ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15
OSHA PEL: 750 ppm
ACGIH TLV: 1780 Mg/M³

METHYL NORMAL AMYL KETONE 110-43-0 2.14 68F 5-10
OSHA PEL: 100 ppm
ACGIH TLV: 233 MG/M³

ETHYL BENZENE 100-41-4 2 77F <4
OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH
TLV: 10 Mg/M³

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.98
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.20 Lb/Gal
%VOLATILES (VOLUME): 59.8% %SOLIDS (WT): 44.0%
COATING VOC: 3.98 Lb/Gal SOLUBILITY IN WATER: NEGL.
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT
TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES.

MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR.

IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HC-2000/421 PRODUCT NAME: MS CLEARCOAT

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *Tamco*

ADDRESS : 431 west 25th st
Norfolk, Va. 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 25-30

OSHA PEL: 100 ppm

ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 0-5

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

AROMATIC NAPHTHA 64742-95-6 3 68F 0-5

OSHA PEL: 100 ppm

ETHYL BENZENE 100-41-4 2 77F <5 OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH

TLV: 10 Mg/M³

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.98

VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.22 Lb/Gal

%VOLATILES (VOLUME): 60.6% %SOLIDS (WT): 45.2%

COATING VOC: 4.20 Lb/Gal SOLUBILITY IN WATER: NEGL.

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.

WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR. IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS. INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY

CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO. TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HC-D895 / PRODUCT NAME: BLENDING CLEAR

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Tamco

ADDRESS : 431 west 25th st

Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 30-35

OSHA PEL: 100 ppm

ACGIH TLV: 435Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 15-20

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

ESTER SOLVENT EEP 763-69-9 1.1 77F 5-10

OSHA PEL: 100 ppm

ETHYL BENZENE 100-41-4 2 77F <5

OSHA PEL: 100 ppm

ISOPROPANOL 67-63-0 33 68F 5-10

OSHA PEL: 400 ppm

ACGIH TLV: 400 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH
TLV: 100 Mg/M³

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=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.92
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 7.71 Lb/Gal
COATING VOC: 5.9 Lb/Gal SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT
TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES.
MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR.
IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION,
VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES,
AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED
VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.
INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED
REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN

AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR.

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INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO. TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HC-9040 PRODUCT NAME: DURA*FLINT I

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: TAMCO

ADDRESS : 431 West 25th St
Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 10-15
OSHA PEL: 100 ppm
ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 3-5
OSHA PEL: 150 ppm
ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15
OSHA PEL: 750 ppm
ACGIH TLV: 1780 Mg/M³

METHYL NORMAL AMYL KETONE 110-43-0 2.14 68F 5-10
OSHA PEL: 100 ppm
ACGIH TLV: 233 MG/M³

ETHYL BENZENE 100-41-4 2 77F <4
OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH
TLV: 10 Mg/M³

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.98
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.20 Lb/Gal
%VOLATILES (VOLUME): 59.8% %SOLIDS (WT): 44.0%
COATING VOC: 3.98 Lb/Gal SOLUBILITY IN WATER: NEGL.
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES.
MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR.
IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION,
VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES,
AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED
VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.
INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED
REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN
AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING
THE CONTENTS MAY BE HARMFUL OR FATAL.
EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF
BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE
CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH

THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARU EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXODANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HC-2500 PRODUCT NAME:DURAFLINT II

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: TAMCO

ADDRESS : 431 West 25th St
Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 10-15
OSHA PEL: 100 ppm
ACGIH TLV: 435 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 3-5
OSHA PEL: 150 ppm
ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15
OSHA PEL: 750 ppm
ACGIH TLV: 1780 Mg/M³

METHYL NORMAL AMYL KETONE 110-43-0 2.14 68F 5-10
OSHA PEL: 100 ppm
ACGIH TLV: 233 MG/M³

ETHYL BENZENE 100-41-4 2 77F <4
OSHA PEL: 100 ppm

Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle. ACGIH
TLV: 10 Mg/M³

====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.98
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 8.20 Lb/Gal
%VOLATILES (VOLUME): 59.8% %SOLIDS (WT): 44.0%
COATING VOC: 3.98 Lb/Gal SOLUBILITY IN WATER: NEGL.
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES.
MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR.
IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION,
VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES,
AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED
VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.
INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED
REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN
AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING
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BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE
CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH
THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN
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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

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COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE.
DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE

OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO TO BE ACCURATE.

HARDENERS

ALL HARDENERS: (This is a universal MSDS that is legal for all of our ISO hardeners, If you need a specific hardener, e-mail us at tamcopaint@aol.com)

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: ALL HH PRODUCT NAME: Tamco ACTIVATORS

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *Tamco*

ADDRESS : 431 west 25th st

Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

ALIPHATIC POLYISOCYANATE RESIN 28182-81-2 n/a n/a 30-35

OSHA PEL: N/E

ACGIH TLV: N/E

POLYISOCYANATE PREPOLYMER 53880-05-0 n/a n/a 15-20

OSHA PEL: N/E

ACGIH TLV: N/E

METHYL (N-AMYL) KETONE 110-43-0 2 68F 35-40

OSHA PEL: 100 ppm

ACGIH TLV: 233 Mg/M³

n-BUTYL ACETATE 123-86-4 10 68F 10-15

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

SOLVENT NAPHTHA 64742-95-6 3 68F <10

OSHA PEL: 100 ppm

TOLUENE 108-88-3 36 86F 20-30

OSHA PEL: 100ppm

ACGIH TLV: 377 MG/M3

ACETONE 67-64-1 181.7 68F 5-10

OSHA PEL: 750ppm

ACGIH TLV: 1780 MG/M3

METHYL AMYL KETONE 110-43-0 2.14 68F 20-30

OSHA PEL: 100 ppm

ACGIH TLV: 233 mg/m3

AROMATIC NAPHTHA 64742-94-5 <5.0 100F 35-40

OSHA PEL: 100 ppm

HEXAMETHYLENE DIISOCYANATE 822-06-0 n/a n/a 0.5

OSHA PEL: N/E

ACGIH TLV: N/E

The chemicals listed above are subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 200-305F SPECIFIC GRAVITY (H2O=1 g/L): 1.01
VAPOR DENSITY: HEAVIER THAN AIR WEIGHT/GAL.: 8.42 LB/GL
%VOLATILES (VOLUME): 54.1% %SOLIDS (WT): 52.5%
VOC AS PACKAGED: 4.00 LB/GAL SOLUBILITY IN WATER: NEGL.
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.1 UPPER: N/A
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALLES. AVOID ALCOHOLS AND WATER.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE, HYDROGEN CYANIDE

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR. IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS. INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH

THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARU EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXODANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

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M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HH- EXEMPT PRODUCT NAME: LOW VOC
HARDENER

=====SECTION I - MANUFACTURER IDENTIFICATION=====

MANUFACTURER'S NAME: *Tamco*

ADDRESS : 431 west 25th st

Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

ALIPHATIC POLYISOCYANATE RESIN 28182-81-2 n/a n/a 30-35

OSHA PEL: N/E

ACGIH TLV: N/E

POLYISOCYANATE PREPOLYMER 53880-05-0 n/a n/a 15-20

OSHA PEL: N/E

ACGIH TLV: N/E

METHYL (N-AMYL) KETONE 110-43-0 2 68F 3-5%

OSHA PEL: 100 ppm

ACGIH TLV: 233 Mg/M³

TBAC 540-88-5 10 100F 30-45

OSHA PEL: 200 ppm

ACGIH TLV: 435Mg/M³

HAPS NONE

HEXAMETHYLENE DIISOCYANATE 822-06-0 n/a n/a 0.5

OSHA PEL: N/E

ACGIH TLV: N/E

The chemicals listed above are subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 200-305F SPECIFIC GRAVITY (H2O=1 g/L): 1.01

VAPOR DENSITY: HEAVIER THAN AIR WEIGHT/GAL.: 8.42 LB/GL

%VOLATILES (VOLUME): 54.1% %SOLIDS (WT): 52.5%

VOC AS PACKAGED: .65 LB/GAL SOLUBILITY IN WATER: NEGL.

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.1 UPPER: N/A
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALLES. AVOID ALCOHOLS AND WATER.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE, HYDROGEN CYANIDE

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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
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HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS. INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
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OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT
TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.
OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE
OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).
VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST:
OVER 60 FPM RECOMMENDED.
PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179
EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75
C/75
WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY
CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY
CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND
MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL
SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE
AND OBTAINED FROM SOURCES BELIEVED BY
TAMCO. TO BE ACCURATE.

PRIMERS

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: HP - 5310/5311 PRODUCT NAME: Galva Prime 2K Primer
Surfacer

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *Tamco*
ADDRESS : 431 West 25th St
Norfolk, Va. 23517
INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

*XYLENE 1330-20-7 14 100F 30-<40

OSHA PEL: 100 ppm

ACGIH TLV: 435 Mg/M³

TITANIUM DIOXIDE 13463-67-7 n/a 5-10

OSHA PEL: 10 Mg/M³

ACGIH TLV: 10 Mg/M³

TALC 14807-96-6 n/a 10-<15

OSHA PEL: 10 Mg/M³

KAOLIN 1332-58-7 n/a 10-<15

OSHA PEL: 10 Mg/M³

*ETHYL BENZENE 100-41-4 2 77 F 1-<5

OSHA PEL: 100 ppm

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle.

ACGIH TLV: 10 Mg/M³

====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 1.31

VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 10.9 Lb/Gal

%VOLATILES (VOLUME): 55.8% %SOLIDS (WT): 61.9%

COATING VOC: 3.3 Lb/Gal SOLUBILITY IN WATER: NEGL.

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.

WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES.

MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR.

IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE.

DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY Tamco, INC. TO BE ACCURATE.

BINDERS:

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HB-150 PRODUCT NAME: BASECOAT BALANCER

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Tamco

ADDRESS : 431 west 25th st

Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

METHYL ISOBUTYL KETONE 108-10-1 16 68F 25-30

OSHA PEL: 50 ppm

ACGIH TLV: 50 ppm

n-BUTYL ACETATE 123-86-4 10 68F 5-10

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

TOLUENE 108-88-3 36 86F 10-15

OSHA PEL: 100 ppm

ACGIH TLV: 377 Mg/M³

ACETONE 67-64-1 181.7 68F 10-15

OSHA PEL: 750 ppm

ACGIH TLV: 1780 Mg/M³

XYLENE 1330-20-7 14 100F 30-35

OSHA PEL: 100 ppm

ACGIH TLV: 435Mg/M³

ETHYL BENZENE 100-41-4 2 77F <5

OSHA PEL: 100 ppm

Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle.
ACGIH TLV: 10 MG/M³

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=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H₂O=1 g/L): 0.87
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 7.2 lb/Gal
%VOLATILES WT: 90.5% %SOLIDS BY WT: 9.5%
VOC: 5.5 lb/Gal SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8
EXTINGUISHING MEDIA: FOAM, CO₂, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.
WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR. IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS. INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES.

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SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.
OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO. TO BE ACCURATE.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HB-175 PRODUCT NAME: BASECOAT BINDER

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Tamco

ADDRESS : 431 west 25th st

Norfolk, Va 23517

INFORMATION PHONE : 757-627-9551

EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

METHYL ISOBUTYL KETONE 108-10-1 16 68F 35-40

OSHA PEL: 50 ppm

ACGIH TLV: 50 ppm

ACETONE 67-64-1 181.7 68F 10-15

OSHA PEL: 750 ppm

ACGIH TLV: 1780 Mg/M³

XYLENE 1330-20-7 14 100F 25-30

OSHA PEL: 100 ppm

ACGIH TLV: 435Mg/M³

ETHYL BENZENE 100-41-4 2 77F <5
OSHA PEL: 100 ppm

Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle.
ACGIH TLV: 10 MG/M3

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.92
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 7.7 lb/Gal
%VOLATILES WT: 68.0% %SOLIDS BY WT: 32.0%
VOC: 4.7 lb/Gal SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HB-333 PRODUCT NAME: BASECOAT BINDER

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Tamco
ADDRESS : 431 west 25th st
Norfolk, Va 23517
INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

METHYL ISOBUTYL KETONE 108-10-1 16 68F 10-15
OSHA PEL: 50 ppm
ACGIH TLV: 50 ppm

n-BUTYL ACETATE 123-86-4 10 68F 1-5
OSHA PEL: 150 ppm
ACGIH TLV: 710 Mg/M³

ACETONE 67-64-1 181.7 68F 5-10
OSHA PEL: 750 ppm
ACGIH TLV: 1780 Mg/M³

Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle.
ACGIH TLV: 10 MG/M3

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.90
VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 7.5 lb/Gal
%VOLATILES WT: 75.7% %SOLIDS BY WT: 24.3%
VOC: 4.2 lb/Gal SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

MATERIAL SAFETY DATA SHEET

PRODUCT CODE: HB-500 / 501 PRODUCT NAME: HS FLIP CONTROLLER

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *Tamco*
ADDRESS : 431 west 25th street
Norfolk, Va 23517
INFORMATION PHONE : 757-627-9551
EMERGENCY PHONE : 800-424-9300

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT
EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

ISOPROPANOL 67-63-0 33 68F 5-10
OSHA PEL: 400 ppm
ACGIH TLV: 400 ppm

n-BUTYL ACETATE 123-86-4 10 68F 10-15
OSHA PEL: 150 ppm
ACGIH TLV: 710 Mg/M³

XYLENE 1330-20-7 14 100F 55-60
OSHA PEL: 100 ppm
ACGIH TLV: 435 Mg/M³

ACETONE 67-64-1 181.7 68F 0-5
OSHA PEL: 750 ppm

ACGIH TLV: 1780 Mg/M³

Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle.

ACGIH TLV: 10 MG/M³

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H₂O=1 g/L): 0.90

VAPOR DENSITY: GREATER THAN AIR WEIGHT/GAL.: 7.48 lb/Gal

%VOLATILES WT: 75.9% %SOLIDS BY WT: 16.1%

VOC: 5.5 lb/Gal SOLUBILITY IN WATER: NEGLIGIBLE

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT CODE: HB-1689/ 1649 PRODUCT NAME: BASECOAT CONVERTER

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *Tamco*

ADDRESS : *P.O. BOX 1005*

DELAWARE, OH 43015

INFORMATION PHONE : *740-369-2150*

EMERGENCY PHONE : *800-424-9300*

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

XYLENE 1330-20-7 14 100F 15-20

OSHA PEL: 100 ppm

ACGIH TLV: 435Mg/M³

METHYL ISOBUTYL KETONE 108-10-1 16 68F 10-15

OSHA PEL: 50 ppm

ACGIH TLV: 50 ppm

ETHYL BENZENE 100-41-4 2 77F <5

OSHA PEL: 100 ppm

n-BUTYL ACETATE 123-86-4 10 68F 10-15

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

TOLUENE 108-88-3 36 86F 35-37

OSHA PEL: 100 ppm

ACGIH TLV: 377 Mg/M³

Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. NOTE: Dry film may present a hazard if sanded or abraded in the form of a nuisance particle.
ACGIH TLV: 10 MG/M³

REDUCERS (ALL)

MATERIAL SAFETY DATA SHEET

**PRODUCT CODE: HR-1360, 1370, 1380,1390, 397, 398 PRODUCT
NAME: SOLVENTS**

=====SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: *Tamco*

ADDRESS : *431 west 25th st*

Norfolk, Va 23517

INFORMATION PHONE : *757-627-9551*

EMERGENCY PHONE : *800-424-9300*

=====SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION=====

VAPOR PRESSURE WEIGHT

EXPORTABLE COMPONENTS CAS # mm Hg @ TEMP PERCENT

ACETONE 67-64-1 181.7 68F <25

OSHA PEL: 750 ppm

ACGIH TLV: 1780 Mg/M³

*XYLENE 1330-20-7 14 100F 20-30

OSHA PEL: 100 ppm

ACGIH TLV: 435 Mg/M³

TOLUENE 108-88-3 36 86F 30-45

OSHA PEL: 100 ppm

ACGIH TLV: 377 Mg/M³

AROMATIC NAPHTHA 64742-94-5 <5.0 100F 10-25

OSHA PEL: n/a

METHYL NORMAL AMYL KETONE 110-43-0 2.14 68F 10-15

OSHA PEL: 100 ppm

ACGIH TLV: 233 MG/M³

ETHYL BENZENE 100-41-4 2 77F 8-10

OSHA PEL: 100 ppm

n-BUTYL ACETATE 123-86-4 10 68F 20-25

OSHA PEL: 150 ppm

ACGIH TLV: 710 Mg/M³

The chemicals listed above are subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

=====SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS=====

BOILING RANGE: 133F - 282F SPECIFIC GRAVITY (H2O=1 g/L): 0.94

VAPOR DENSITY: HEAVIER THAN AIR WEIGHT/GAL.: 7.82 Lb/Gal

%VOLATILES (VOLUME): 66.5% %SOLIDS (WT): 41.6%

VOC AS PACKAGED: 4.0 Lb/Gal SOLUBILITY IN WATER: NEGL.

APPEARANCE AND ODOR: CLEAR, OF SOLVENT EVAPORATION RATE: N/A

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=====SECTION IV - FIRE AND EXPLOSION HAZARD DATA=====

FLASH POINT: 25C METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 1.2 UPPER: 12.8

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: A SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.

WATER SHOULD NOT BE USED EXCEPT AS A FOG TO KEEP NEARBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS MATERIAL CAN BE IGNITED UNDER ALMOST ALL AMBIENT TEMPERATURE CONDITIONS.

=====SECTION V - REACTIVITY DATA=====

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME, STATIC DISCHARGE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG, OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND/OR CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====SECTION VI - HEALTH HAZARD DATA=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DIZZINESS AND/OR HEADACHES. MAY ALSO PRODUCE DROWSINESS, ANESTHETIC AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATED EYES MAY TEAR. IRRITATED SKIN MAY BE RED AND DRY, POSSIBLE BLISTERING. INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA. HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, AND LOSS OF COORDINATION. EYE CONTACT- SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS. INGESTION- CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA. CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. EMERGENCY FIRST AID PROCEDURES: INHALATION OVER EXPOSURE- MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION- DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

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=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE SPILL AREA. ELIMINATE ALL SOURCES OF IGNITION. CONFINE SPILL AS QUICKLY AS POSSIBLE. ABSORB WITH OIL ABSORBING COMPOUND, AND SCOOP UP FOR DISPOSAL.

WASTE DISPOSAL METHOD: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME AND/OR STRONG OXIDANTS. TO REDUCE FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NFPA STANDARD FOR PETROLEUM PRODUCTS.

OTHER PRECAUTIONS: N/A

=====SECTION VIII - CONTROL MEASURES=====

RESPIRATORY PROTECTION: A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR IS MANDATORY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 CFR 1910.134).

VENTILATION: TO MEET FEDERAL, STATE, OR LOCAL ENVIRONMENTAL REGULATIONS. LOCAL EXHAUST: OVER 60 FPM RECOMMENDED.

PROTECTIVE GLOVES: NEOPRENE, COMPLIANCE: CFR-170-179

EYE PROTECTION: SAFETY GLASSES, COMPLIANCE: ANSI Z87.1-1989, CSA Z94.3-M88

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LEATHER BOOTS, COMPLIANCE: ANSI Z41 PT 91 MI/75 C/75

WORK/HYGIENIC PRACTICES: AVOID PROLONGED OR REPEATED CONTACT IN ANY FORM. THOROUGHLY CLEAN, DRY, AND/OR WASH ANY CONTAMINATED WORKING APPAREL BEFORE REUSE. CLEANSE ANY

CONTACTED SKIN AREAS THOROUGHLY AT THE END OF EACH WORK PERIOD, ALSO BEFORE BREAKS AND MEALS. USE NECESSARY PROTECTIVE EQUIPMENT AND MAINTAIN UPKEEP FOR EFFECTIVENESS.

=====SECTION IX - DISCLAIMER=====

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY TAMCO TO BE ACCURATE.