



SHEBOYGAN PAINT COMPANY

1439 North 25th Street / P.O. Box 417
Sheboygan, WI 53082-0417
Phone: (920)458-2157
Customer Service: custserv@shebpaint.com

EMERGENCY CONTACT ONLY:
Transportation Spill Emergency (24 hour)
1-800-924-6804 Reference CIN 1154

58-0469

SAFETY DATA SHEET

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1.0 PRODUCT AND SUPPLIER IDENTIFICATION

PRODUCT CLASS	TRADE NAME	MFG PRODUCT NO.
INDUSTRIAL COATING PRODUCT	(2) CATALYST FOR HI-SOLIDS EPOXY	58-0469
Identified Uses:	INDUSTRIAL COATINGS, RESINS AND PAINT RELATED MATERIALS	
Supplier:	SHEBOYGAN PAINT COMPANY 1439 NORTH 25th STREET / P.O. BOX 417 SHEBOYGAN, WI 53082-0417	
Emergency Contact:	Transportation Emergency (24 hour) 1-800-924-6804	
Other Contacts	Customer Service (920) 458-2157 custserv@shebpaint.com sds@shebpaint.com www.shebpaint.com	

2.0 HAZARDS IDENTIFICATION

Classification	Cat	HCODE	Description
Acute toxicity oral	4	H302	Harmful if swallowed
Skin corrosion 1B	1	H314	Causes severe skin burns and eye damage
Acute toxicity inhaled gases/vapors/dust/mist	4	H332	Harmful if inhaled
Acute toxicity dermal	3	H311	Toxic in contact with skin
Acute aquatic toxicity	2	H401	Toxic to aquatic life
Serious eye damage	1	H318	Causes serious eye damage
Skin sensitizer 1B	1	H317	May cause an allergic skin reaction
Chronic aquatic toxicity	1	H410	Very toxic to aquatic life with long lasting effects
Flammable liquid	3	H226	Flammable liquid and vapor
Specific target organ chronic toxicity (Auditory)	2	H373	May cause damage to organs through prolonged or repeated exposure
Specific target organ acute irritation-respiratory	3	H335	May cause respiratory irritation
Specific target organ acute narcotic effects (CNS)	3	H336	May cause drowsiness or dizziness
Suspect carcinogen	2	H351	Suspected of causing cancer
Suspected of damaging the unborn child	1	H360	May damage fertility or the unborn child
Cell mutagenicity 1B	1	H340	May cause genetic defects

Precautionary Statements:

Wash face, hands, and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.
Dispose of contents/container to licensed waste facility in accordance with local and national regulations, see SDS section 13 for additional information.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves/protective clothing/eye protection/ face protection.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.



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Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN: Wash with soap and water.

See specific measures for safe handling in SDS sections 7 and 13.

Remove/take off immediately all contaminated clothing.

Avoid release to the environment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing eyes.

Immediately call a POISON CENTER or doctor/physician.

Contaminated work clothing should not be allowed out of the workplace.

If skin irritation or a rash occurs: Get medical advice/attention.

Collect spillage.

Keep away from heat/sparks/open flames/hot surfaces. NO SMOKING.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical, ventilation, and lighting.

Use only non-sparking tools.

Get medical advice/attention if you feel unwell.

Store in a well ventilated place. Keep container tightly closed.

Obtain special instructions before use, read SDS and product specification sheet.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as specified in section 8.

IF exposed or concerned: Get medical advice/attention.

Store locked up, KEEP AWAY FROM CHILDREN.

Signal Word: DANGER



Other hazards which do not result in classification:

Use in a well ventilated area.

Do not take internally. Do not get in eyes or on skin.

Keep containers tightly closed.

Wear protective clothing.

May cause eye and skin irritation.

May cause irritation of the respiratory tract.

Ingestion may cause irritation to mucous membranes.

Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling.

Take precautionary measures against static discharge.

May cause allergic reaction in special sensitive persons.



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4.0 FIRST AID MEASURES

GENERAL ADVICE: If you feel unwell seek advice immediately. Physicians: treat exposures symptomatically & supportively.

FIRST AID FOR EYE CONTACT: Flush eyes and eyelids with large amounts of water for at least 20 minutes. Hold eyelids apart to ensure flushing of the entire contaminated area. Get assistance from others to ensure proper eye flushing.

Remove any contact lenses. Get prompt medical attention.

FIRST AID FOR SKIN CONTACT: Remove contaminated clothing and contaminated shoes. Wash all affected areas with soap and water for at least 20 minutes. Seek medical assistance.

FIRST AID FOR INHALATION: Move exposed individual to fresh air. For any difficulty in breathing, give oxygen and get immediate emergency medical assist. Monitor for respiratory distress. Be prepared to give rescue breathing. If unconscious, place in recovery position with airway open. Loosen tight clothing.

FIRST AID FOR INGESTION: Get IMMEDIATE medical attention. Rinse mouth with water. Remove dentures if any. Remove to fresh air and keep at rest in a comfortable breathing position. Aspiration hazard if swallowed. Can enter lungs.

DO NOT INDUCE VOMITING. Keep head low so that any fluids do not enter the lungs. Never give anything by mouth to an unconscious or convulsive person. If unconscious, place in recovery position with airway open. Loosen tight clothing.

IF A LARGE QUANTITY IS INGESTED, CALL A POISON CENTER OR CONTACT A LOCAL EMERGENCY MEDICAL SERVICE AT ONCE.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known, no specific information available.

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5.0 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, CO2, alcohol resistant foam. Use water spray or fog for cooling containers. Use water with caution. Water may be ineffective.

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors are heavier than air and may move towards electrical equipment, spark, static discharge, or open flames and may flashback explosively. If sealed containers are exposed to extreme heat, the container may explode. Do not apply this product to hot surfaces. Some solvents can become electrostatically charged during mixing, filtering, pouring or pumping at high flow rates. Always bond and ground transfer containers and equipment.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition when exposed to extreme heat. Water spray/fog nozzle settings are preferable. A self-contained positive pressure breathing apparatus should be worn in addition to full firefighting personal protective equipment. Keep unnecessary people away, isolate hazards, stay upwind, keep out of low areas.

WARNING! Sudden release of hot organic chemical vapors from equipment operating at elevated temperatures or sudden introduction to vacuum conditions may result in ignition.

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6.0 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike spill area and collect with inert absorbent material. Ventilate adequately, avoid breathing vapors, use proper respiratory protection. Avoid contact, Section 8 lists PPE requirements. Follow all local, state, provincial and/or federal spill rules. Collect spill with non-sparking tools into a suitable container. Spill surface may be slippery. Scrub area with soap and water, contain all residue.

ENVIRONMENTAL CONCERN: This product may contain a reportable quantity of a hazardous substance. Follow all local, state, provincial and/or federal reporting procedures. Do not allow product to enter drains, sewers or waterways. Consult a professional cleaning or waste disposal service. Treat both spill residue and empty container residue as hazardous.



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WASTE DISPOSAL CONSIDERATIONS: Waste must be disposed in accordance with local, state, provincial and/or federal regulations. Empty containers must be handled with care as they retain product residue. Before disposing containers, remove as much residue as possible. Do not reuse containers until they are properly recycled. Check Section 13 for waste disposal options. Follow all label and SDS warnings.

7.0 HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Wash hands thoroughly after handling. Protect from static spark discharge. Wear proper PPE, eye protection, gloves and respirator. Maintain good housekeeping, avoid residue accumulation. Eye wash stations should be available in the workplace. Do not breathe vapors. Do not have contact with eyes or skin. Avoid puncturing the container, do not drag. Spray operations must protect the worker from both vapors and spray mist/overspray.

CONDITIONS FOR SAFE STORAGE: Do not store below 40 degrees F or above 120 degrees F. Keep closures tight and container upright to avoid leakage. Store in a dry location. Store in original container. Maintain adequate ventilation. Do not store in unlabeled containers.

NOTE: Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring materials. Use explosion proof electrical and ventilation and material handling equipment.

8.0 EXPOSURE CONTROL / PERSONAL PROTECTION

SELECTING PROTECTIVE EQUIPMENT AND CLOTHING: When choosing personal protective equipment and clothing, consider each worker's environment, ventilation, temperature, all chemical exposures and any other adverse physical conditions. The level of protection needed for eye/skin, respiratory and other protection should be part of an ongoing job safety analysis conducted by the end user and supervisor. Safety Data Sheet Sections 2,3,8 and 11 should be consulted.

EXPOSURE CONTROLS: Provide sufficient mechanical or natural ventilation or exhaust to maintain exposures below limit guidelines or below levels that cause known, suspect or apparent side effects or the formation of dust or vapors. Allow easy access to emergency shower/eye wash facilities. Wash any contaminated clothing before reuse.

SKIN PROTECTION: Chemical resistant gloves are recommended. Use neoprene, Viton or butyl rubber. If nitrile gloves are used they should be approved for exposure to the chemicals listed in section 2. The use of barrier creams should be minimized. Chemical resistant footwear and outer garment are recommended to prevent skin absorption. Consult your safety supply vendor for optimum personal protection equipment.

EYE PROTECTION: Eye protection should be worn in any type of industrial operation. The use of safety glasses with side shields (or goggles) and a face shield is recommended to prevent against liquid splash. Contact lenses should not be worn.

VENTILATION: Provide sufficient ventilation to keep dust/ airborne particulates and organic vapor concentrations below OSHA personal exposure limits (PEL) of the chemicals listed in Section 3. Remove smoke or fumes formed by welding, flame cutting or grinding surfaces containing this material. Provide proper respiratory protection if ventilation or exhaust is inadequate. Use explosion-proof ventilation equipment. Liquids would not pose a dust hazard.

RESPIRATORY PROTECTION: In outdoor or open areas with unrestricted ventilation, use NIOSH approved dust mask to protect from particulate hazards. In restricted areas use a NIOSH approved organic vapor respirator with dust particulate pre-filter. Supplied air systems or intrinsic safe PAPR systems may be used. See section 3 for chemical exposure limits. Check respirator system specifications with a safety supplier. Liquids do not pose a dust hazard.

OTHER PROTECTIVE EQUIPMENT: The use of chemical resistant protective suit is suggested. Avoid any skin contact with vapors, mists, or spray. Prevent contact of materials with clothing if possible. Remove and wash contaminated clothing before re-use. Use an industrial type professional cleaning service, do not wash at home. Do not wear contaminated clothing or shoes away from the workplace. Leather products contaminated with this product should be discarded.

Exposure Limits For Inert and Nuisance Dust Particulates Not Otherwise Classified: OSHA (PEL): TWA =15 mg/m3 (total dust) 5 mg/m3 (respirable fraction). ACGIH(TLV): TWA = 10 mg/m3 (total dust).

Exposure limits for soluble barium compounds: OSHA (PEL): TWA =0.5 mg/m3 (as Ba)
ACGIH(TLV): TWA =0.5 mg/m3 (as Ba)

Exposure limits for n-butanol: (CAS# 71-36-3 Butyl Alcohol) ACGIH(TLV): Ceiling = 50 ppm or 152 mg/m3.



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Exposure Limits For calcium carbonate: (CAS# 1317-65-3) OSHA (PEL): TWA =15mg/m3 (total dust), 5mg/m3 (respirable)
ACGIH(TLV): TWA =10mg/m3 (total dust).

Exposure Limits For calcium oxide: OSHA (PEL):TWA=5mg/m3. ACGIH (TLV):TWA=2mg/m3.

Exposure Limits For silica-crystalline: (CAS# 14808-60-7) (Quartz) OSHA (PEL): TWA = 0.1 mg/m3 (as respirable dust)
ACGIH(TLV): TWA = 0.1 mg/m3 (as respirable fraction). * Crystalline silica is a potential chronic health hazard.

Exposure Limits For zinc oxide (dust): (CAS# 1314-13-2) OSHA (PEL): TWA = 10mg/m3 (total dust) 5mg/m3 (respirable).
ACGIH(TLV): TWA = 10mg/m3 (total dust) 5mg/m3 (fume). OSHA (PEL): STEL = 10mg/m3 (fume).

9.0 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	N/A LIQUID
ODOR	Chemical
ODOR THRESHOLD (ppm)	20
pH	N/A
FREEZING POINT	N/A
BOILING RANGE	243-662 F
FLASH POINT	80 F
EVAPORATION RATE	SLOWER THAN WATER
LEL% BY VOLUME	SEE SECTION 3
VAPOR PRESSURE	SEE SECTION 3
VAPOR DENSITY	HEAVIER THAN AIR
RELATIVE DENSITY(lbs/gal)	9.9574
SOLUBILITY	SOLUBLE IN SOLVENT
AUTOIGNITION TEMP	>500 degrees Fahrenheit
DECOMPOSITION TEMP	(Not determined)
VISCOSITY	32-37/2 ZAHN

10.0 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION MAY OCCUR: Follow proper mixing ratios when blending with other chemicals in a dual system.

CONDITIONS TO AVOID: Container is not a pressure vessel, never use pressure to empty, do not drag, puncture or drop container. Do not incorrectly mix with other chemicals of a dual component catalyzed system. Keep away from high heat, flames, sparks, or static discharges. Bonding and grounding procedures should be followed at all times. Consult NFPA 30 Flammable and Combustible Liquid Code for more information.

INCOMPATIBILITIES: Strong acids, strong alkalis, strong reducers, strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: May decompose to oxides of carbon, nitrogen, phosphorous, chlorine and/or sulphur. May also break down to release other irritating or toxic fumes if exposed to fire conditions.

ADDITIONAL DECOMPOSITION PRODUCTS: Ammonia gas and oxides of nitrogen NOx may be liberated at high temperatures.

INCOMPATIBLE MATERIALS: Avoid contact with ferrous metals as they will discolor the solution.

INCOMPATIBLE MATERIAL: Avoid prolonged contact with aluminum

11.0 TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Ingestion, inhalation, eye contact, skin contact absorption.

ACUTE TOXICITY ORAL: LD50 (rat): >500 mg/kg

ACUTE TOXICITY DERMAL: LD50 (rat): >2,000 mg/kg

ACUTE TOXICITY INHALATION: LC50 (rat, 4h): >4,000 mg/m3

SKIN CORROSION/IRRITATION: Causes severe irritation, may cause severe skin harm.



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SERIOUS EYE DAMAGE/IRRITATION: Causes severe eye irritation, may cause severe eye damage.

RESPIRATORY SENSITIZATION: Non-sensitizing.

SKIN SENSITIZATION: May cause sensitization in susceptible individuals. May cause allergic reactions.

SINGLE DOSE TOXICITY: May have acute toxicity properites or specific target organ toxicity in acute exposures. See specific information in section 2 of this SDS.

REPEATED DOSE TOXICITY: Chronic overexposure may cause toxic effects. See specific target organs listed in section 2.

ASPIRATION HAZARD: Aspiration may cause chemical pneumonitis and/or pulmonary edema as evidenced by coughing, labored breathing, cyanosis (bluish skin) or if severe aspiration may be fatal.

REPRODUCTIVE TOXICITY: Animal testing showed no toxicity. The relevance to humans has not been determined.

GERM CELL MUTAGENICITY: No positive results listed.

OTHER EFFECTS: Narcotic CNS effect. May cause drowsiness or dizziness. Intentional misuse by deliberately concentrating & inhaling vapors from this product may be harmful or fatal.

EFFECTS OF OVEREXPOSURE: There is no applicable information available regarding the carcinogen potential for this product as a whole, however any relevant information regarding any ingredient status as a potential, suspect, or confirmed carcinogen is listed in section 11 of the SDS.

CARCINOGEN POTENTIAL: This product contains benzene CAS# 71-41-2 which is classified as a confirmed human carcinogen, level A1 by ACGIH.

CARCINOGEN POTENTIAL: This product contains Crystalline Silica (Quartz). Prolonged overexposure to respirable silica dust may cause silicosis, a non-cancerous lung disease. Crystalline silica is also considered a probable carcinogen by IARC and as a reasonable anticipated human carcinogen by NTP. Silicosis is made worse by smoking. Liquid forms would not pose a dust hazard.

CARCINOGEN POTENTIAL: Ethylbenzene CAS# 100-41-4 is present in this product. Ethylbenzene has been classified by IARC as a possible human carcinogen group 2B.

Ingestion of alcohol can increase the effects of overexposure from some solvents in this product.

This product contains calcium carbonate, which is listed by OSHA and ACGIH as a nuisance dust hazard. Excessive exposure results in irritation to eyes, ears, nose. Injury to skin or mucous membranes can occur by direct mechanical action or by rigorous skin cleaning for removal of dirt.

Overexposure or excessive contact to dust from this product can cause drying of mucous membranes of nose, eyes, and throat due to absorption of moisture and oils. This product can also cause nasal irritation and nosebleeds. Eye contact with powder dusts can result in mild irritation.

Prolonged and continuous exposure to excessive concentration of dust of any kind without using a dust mask may have an adverse pulmonary effect on some people. This overexposure may result in coughing, sputum, and reduced lung capacity. Pre-existing asthmatic conditions may worsen. Persons with lung diseases should not work in dusty areas unless a physician certifies their fitness to wear a respirator. (OSHA 1910.134). Liquids do not pose a dust hazard.

This product contains amorphous silica gel or precipitated silica containing 0% crystalline silica. Prolonged contact or overexposure to amorphous silica dust may cause drying of the mucous membranes and the skin.

This product contains zinc oxide which is currently listed by OSHA & ACGIH as a nuisance dust & fume hazard. Prolonged overexposure to zinc oxide dust may produce symptoms known as "Zinc Oxide Chills". These symptoms usually disappear within 24 hours.

12.0 ECOLOGICAL INFORMATION

ECOTOXICITY FISH: LC50 (rainbow trout, 4d): 1-10 mg/l

ECOTOXICITY AQUATIC PLANTS: EC50 (algae, 3d): < 10 mg/l

ECOTOXICITY AQUATIC INVERTEBRATES: EC50 (daphnia magna, 48h) < 2 mg/l

ECOTOXICITY MICROORGANISMS: EC50 (bacteria, 3h): >4,000 mg/l

PERSISTENCE AND DEGRADABILITY: Partially soluble in water. This product is predicted to partially degrade in soil and water.

BIOACCUMULATION / ACCUMULATION: Very low potential.

MOBILITY IN SOIL: Not expected to adsorb on soil.

OTHER ADVERSE ECOLOGICAL EFFECTS: No data available.



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13.0 DISPOSAL INFORMATION

WASTE DISPOSAL: Waste must be disposed in accordance with local, state, provincial and/or federal regulations. Empty containers must be handled with care as they contain product residue. Before disposing any container, remove as much residue as possible. Waste liquid or dried product should be incinerated at an approved treatment/disposal facility or approved landfill. Do not reuse containers unless they are properly reconditioned/recycled.

CONTAMINATED PACKAGING: Empty remaining contents from containers. Empty containers should be disposed in a safe manner, do not allow residue to enter waterways. Do not heat or cut empty containers with electric or gas torch.

REGULATORY INFORMATION: This product contains a Marine Pollutant. Do not allow this product to be spilled into or near watersheds or bodies of water.

14.0 TRANSPORTATION INFORMATION

PROPER SHIPPING NAME - UN1263, PAINT RELATED MATERIAL,3,III (ERG #128) (FLASH POINT 73 to 100 DEGREES)
SHIPPING LABEL - FLAMMABLE (3) LABEL (LTD QTY IF 1 GALLON OR LESS)

15.0 REGULATORY INFORMATION

SARA 311/312 Hazards:

Acute Health Hazard

Chronic Health Hazard

Fire Hazard

SARA 302 HAZARDS: No chemicals in this product are subject to the reporting requirements of SARA Title III Section 302.

SARA 304 HAZARDS: No chemicals in this product are subject to the reporting requirements of SARA Title III Section 304.

SARA 313 HAZARDS: This product contains chemical components that are reportable by SARA Title III section 313. They are listed in Section 3 of this Safety Data Sheet.

TSCA: All chemical substances in this product are listed by the Toxic Substance Control Act Inventory as required by 40CFR 700-799. This product complies with TSCA requirements.

CANADA 1988 WHMIS CLASSIFICATION:

B2: Flammable Liquid

D2A: Very Toxic Material Causing Other Toxic Effects possible carcinogen or embryo toxin or mutagen in animals

D2B: Toxic Material Causing Other Toxic Effects Eye and/or Skin irritation on animals

E: Corrosive

CALIFORNIA PROP 65: **WARNING:** This product contains products known to the State of California to cause cancer and/or birth defects or reproductive harm.

Benzene CAS# 71-43-2 Listed as causing cancer and developmental and male reproductive toxicity.

Cumene CAS# 98-82-8 Listed as causing cancer.

Ethyl benzene CAS# 100-41-1 Listed as causing cancer.

Naphthalene CAS# 91-20-3 Listed as causing cancer.

Toluene CAS# 108-88-3 Listed as causing developmental toxicity.

Arsenic CAS# 7440-38-2 Listed as causing cancer.

Lead CAS# 7439-92-1 Listed as causing cancer and developmental toxicity.

Cadmium CAS# 7440-43-9 Listed as causing cancer and development toxicity.

This product contains aromatic naphtha, light which is on the New Jersey and Pennsylvania Right-to-Know list.

CAS# 64742-95-6.

This product contains n-butyl alcohol which is on the New Jersey, Massachusetts and Pennsylvania Right-to-Know Lists.

Chemical Name: 1-butanol CAS# 71-36-3

This product contains ethyl benzene CAS#100-41-4 which is on the Pennsylvania, New Jersey and Massachusetts Right-to-Know Lists.



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This product contains methyl amyl ketone (2-heptanone) CAS# 110-43-0 which is on the Pennsylvania and New Jersey Right-to-Know list.

This product may contain traces of triethylaminetetramine, an impurity found in the polyamide resin. This chemical has been found to produce liver and kidney damage and brain congestion in exposed lab animals. It was also found to be a direct acting mutagen on lab animals. Triethylaminetetramine is a New Jersey and Pennsylvania Right-to-Know chemical. CAS# 112-24-3

This product contains 1,2,4-trimethylbenzene which is on the Massachusetts, New Jersey & Pennsylvania Right-to-Know lists Specific CAS #95-63-6 or the mixed isomer CAS# 25551-13-7.

This product contains xylenes, mixed isomers which is on the New Jersey, Massachusetts & Pennsylvania Right-to-Know Lists (benzene, dimethyl-) CAS# 1330-20-7

This product contains a moderately soluble barium compound which is listed on the SARA 313 toxic chemical list and the Wisconsin NR445 hazardous chemical list. (See SDS Sec. 2) Soluble barium compounds may release elemental barium CAS# 7440-39-3 which is toxic. Waste from this product may meet the EPA barium D005 toxicity characteristic definition.

16.0 OTHER INFORMATION

NOTICE: The HMIS rating for this material involves data and interpretations compiled from the various material suppliers of the component ingredients. This information will vary from supplier to supplier. The rating is intended for rapid and general identification of this product's hazards. To adequately deal with the safe handling of this material, all information contained in the SDS must be reviewed as part of an ongoing Hazard Communication Program.

This safety data sheet was prepared to comply with the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and the international GHS recommendations. The most current dated copy supersedes any previous dated information. Older information should be deleted to avoid confusion. VOC data determined by US EPA method 24.

DEFINITIONS: HAP = Hazardous Air Pollutant VHAP = Volatile Hazardous Air Pollutant

PRODUCT OF THE UNITED STATES

Chemical percent by weight as listed in Section 3.0 is the targeted formulation quantity. Batch variation does occur and actual quantities may slightly differ.

HAZARD RATING	0 - MINIMAL	3 - SERIOUS
	1 - SLIGHT	4 - SEVERE
	2 - MODERATE	* - CHRONIC

HMIS RATING HEALTH - * 3 FLAMMABILITY - 3 REACTIVITY - 1

DATE OF PREPARATION 01/01/18
EFFECTIVE DATE 01/01/18
DATE PRINTED 03/28/18



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PRODUCT SPECIFICATIONS

MFG. PRODUCT NO.	:	58-0469	
TRADE NAME	:	(2) CATALYST FOR HI-SOLIDS	
	:	EPOXY	
DATE PRINTED	:	03/28/18	
DATE OF PREPARATION	:	01/01/18	
PART NUMBER	:		
WEIGHT PER GALLON (density)	:	9.96 LBS/GAL	1193.28 GMS/LITER
		BY WEIGHT	BY VOLUME
PERCENT SOLIDS	:	63.36	48.53
PERCENT WATER	:		
PERCENT NON-EXEMPT SOLVENT	:	36.64	51.47
PERCENT EXEMPT SOLVENT	:		
VOC (WITH WATER AND EXEMPT SOLV)	:	3.65 LBS/GAL	437.41 GMS/LITER
VOC (LESS WATER AND EXEMPT SOLV)	:	3.65 LBS/GAL	437.41 GMS/LITER
PERCENT HAPS BY WEIGHT	:	1.63	
VOC LBS PER GALLON SOLIDS	:	7.52	
VOC KILOGRMS PER KILOGRMS SOLIDS	:	.58	
VOC HAPS LBS PER GALLON SOLIDS	:	.33	
VOC HAPS LBS PER LBS SOLIDS	:	.03	
FLASHPOINT (FAHRENHEIT)	:	80 F	
APPLICATION	:	SPRAY	
REDUCTION	:	1-1 W/ 54-280	
CURE	:	25' @ 190 F	
SUBSTRATE	:	STEEL	
COVERAGE	:	778.421 SQUARE FEET @ 1 MIL NO LOSS	
VISC @ 80 F	:	32-37/2 ZAHN	
GLOSS	:	60-65@2 MILS (MIXED)	

COMMENTS