

# SAFETY DATA SHEET



DATE PRINTED :	6/22/2017
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MSDS REF. No :	R100-000
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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PATCHMASTER RESIN

**PRODUCT CODE:** R100-000

**Supplier/ Manufacturer**

Tennessee Specialties Co.

PO Box 4231

Chattanooga, TN 37405

**TENNESSEE SPECIALTIES CORPORATION** PHONE: 423-517-8501

**EMERGENCY PHONE:** CHEMTREC 800-424-9300, 24hours

**ORIGINAL DATE ISSUED:** 12/02/08 **REVISION DATE:** 8/7/13

**Recommended end use:** Half of a two component system designed for application and use as a protective coating.

## 2. HAZARDS IDENTIFICATION

**Acute Toxicity, Category 4**

**Toxic to Reproduction, Category 2**

**Aquatic Hazard (Long term) Category 3**



**SIGNAL WORD:** Warning

**Hazard-determining components of labeling:** Nonylphenol (CAS# 25154-52-3)

### Hazard Statements

H317 May cause an allergic skin reaction

H302 Harmful if swallowed

H412 Harmful to aquatic life with long lasting effects

H335 May cause respiratory irritation

H631 Suspected of damaging fertility or the unborn child

### Precautionary Statements

P273 Avoid Release to the Environment

P280 Wear protective gloves/ protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing.

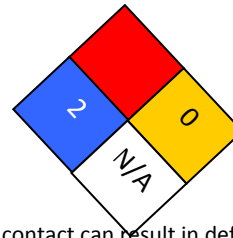
P310 Immediately Call a POISON CENTER or doctor/physician.

P284 Wear respiratory protection

# SAFETY DATA SHEET

Health :	2
Flammability :	1
Reactivity :	0
Personal Protection :	X

## NFPA CODES



### Potential Health Effects:

**SKIN:** May cause irritation. Allergic reaction possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**EYES:** May cause irritation.

**INHALATION:** Vapors are unlikely due to physical properties.

**INGESTION:** Headache. Nausea. In some cases, vomiting.

**CHRONIC HAZARDS:** This product contains nonylphenol which has been found by OSHA to have tertatogenic properties.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This document is a pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	Weight %	CAS Number
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	60-100%	25068-38-6
Alkyl Glycidyl Ether	10-30%	68609-97-2
Nonylphenol	3-7%	25154-52-3

### 4. FIRST AID MEASURES

**GENERAL ADVICE:** Consult a physician. Show this safety data sheet to physician in attendance.

**EYES:** Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.

**SKIN:** Remove product and flush with plenty of water for at least 20-30 minutes. Wash with soap and water.

**INGESTION:** DO NOT INDUCE VOMITING! Call a physician or poison control center immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact a physician if breathing remains difficult.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol Foam. Dry Chemical Foam. Carbon Dioxide. Water Fog.

**For safety reasons, unsuitable extinguishing agents:** water spray.

**SPECIAL FIRE & UNUSUAL HAZARD:** May generate toxic or irritating combustion products. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Firefighters should wear butyl rubber boots, gloves and body suit as well as a self-contained breathing apparatus.

**ADDITIONAL INFORMATION:** Remove all ignition sources. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**HAZARDOUS COMBUSTION PRODUCTS formed under fire conditions:** carbon oxides, nitrogen oxides.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Evacuate personnel to safe area. Ensure adequate ventilation.

**Environmental precautions:**

Prevent further leaking if safe to do so. Dike Spill Area. Flush area with water spray. Absorb spill with inert material (ex. dry sand or earth) and place in a chemical waste container for disposal. Avoid runoff into storm sewers and ditches which lead into waterways. Discharge into the environment must be avoided. If seepage into the environment has occurred, notify respective authorities.

# SAFETY DATA SHEET

See Section 7 for information on safe handling.  
See section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

**HANDLING:** Handle in a well-ventilated workspace. Avoid eye and skin contact. Do not breathe vapors.  
**STORAGE:** Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

**Ventilation:** Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants.

### Personal Protection Equipment:

**Respiratory Protection:** In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended. For emergency situations use self-contained breathing apparatus with pressure demand mode.



**Skin Protection:** Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical safety goggles. Gloves should be tested for chemical resistance before reliable use. (penetration times, rates of diffusion and rate of degradation). Wear long sleeves and pants, exposing as little skin as possible.



**Eye Protection:** Wear chemical safety glasses with side shields or goggles. In the event of an emergency, use eye goggles with a full face shield. DO NOT WEAR CONTACT LENSES when working with this material!!

**Hygienic Practices:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Volatile Organic Content:</b> 27.6052543	<b>Solubility in Water:</b> Insoluble
<b>Color:</b> Gardener Scale 1-2	<b>Specific Gravity @ 20°C:</b> 1.0828341
<b>Odor:</b> Faint Epoxy Odor.	<b>pH @ 100%:</b> N.A.
<b>Physical Appearance:</b> Colorless	<b>Melting/Freezing point:</b> N/A
<b>Boiling Point:</b> N/A	<b>Flashpoint:</b> N/A
<b>Ignition Temperature:</b> N/A	<b>Auto-ignition temperature:</b> N/A
<b>Explosion Limits:</b>	<b>Water solubility:</b> Insoluble
<b>Lower:</b> N/A	<b>Partition coefficient (n-octanol/water):</b> N/A
<b>Upper:</b> N/A	<b>Relative vapor density:</b> N/A
<b>Odor Threshold:</b> N/A	<b>Evaporation rate:</b> N/A
N/A = Not Available    N/D = Not Determined    Ca. = Approximate	

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable under recommended and normal conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**INCOMPATIBILITY:** Oxidizing Agents. Strong acids, acids. Strong bases, bases. Amines.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Phenolics due to combustion. Carbon monoxide due to combustion. Carbon dioxide due to combustion. Nitrogen oxides due to combustion.

**CONDITIONS TO AVOID:** Open Flame / Sparks / Sources of ignition. Heat. See Incompatibility Section for Conditions to avoid.

# SAFETY DATA SHEET

## 11. TOXICOLOGICAL INFORMATION

**Component Toxicological Information:** (Acute)

**Likely routes of entry:** Skin Contact, Skin absorption, Ingestion, Inhalation

4, 4'-Isopropylidenediphenol-Epichlorohydrin Copolymer

LD50 Oral Rat 30,000 mg/kg

LD50 Dermal Rat >2,000 mg/kg

Not classified as a carcinogen by ACGIH, IARC or OSHA. Not listed by NTP.

Nonylphenol

LD50 Oral Rat 1,300 mg/kg

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC.

Suspected human reproductive toxicant.

Solvent Naphtha (CAS 64742-95-6)

LD50 Oral Rat >4000 mg/kg

LD50 Dermal Rabbit >3,480 mg/kg

LD50 Inhalation Rat 3,670 ppm

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC.

1-Methoxy-2-Propanol Acetate

LD50 Oral Rat 8,532 mg/kg

LD50 Dermal Rabbit >5,000mg/kg

LD50 Inhalation Rat >100 ppm

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC.

**Specific target organ toxicity:** no data available

## 12. ECOLOGICAL INFORMATION

**Marine Pollutant/Ecotoxicity:** Harmful to aquatic life with long lasting effects.

**Toxicity to fish:**

**Nonylphenol**

Mortality NOEC- pimephales promelas (fathead minnow) – 0.083 mg/l – 96.0 h

Mortality LOEC- Lepomis macrochirus – 0.211 mg/l – 96.0h

LC50 – Lepomis macrochirus – 0.135 mg/l – 96.0 h

**Environmental Fate:** Bioconcentration potential is low. Biodegradation under aerobic static laboratory conditions is below detectable limits.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations. Incinerate in admixture with fuel equipped with a scrubber to remove nitrogen oxides and carbon monoxide. Disposal of in permitted waste management facility if incineration or landfill is not practicable.

# SAFETY DATA SHEET

## 14. TRANSPORT INFORMATION

### DOT SHIPPING INFORMATION

**DOT Proper Shipping Name:** Resin Compound- Not regulated

**DOT Technical Name:** N/A

**DOT Hazard Class:** N/A

**Hazard Subclass:** N/A

**DOT I.D. Number:** N/A

**Packing Group:** N/A

### IMDG

**Technical Name:** Environmentally hazardous substance, Liquid, N.O.S.

**Hazard Class:** 9

**Hazard Subclass:** N.A.

**I.D. Number:** UN3082

**Packing Group:** III

### INTERNATIONAL REGULATIONS:

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with the GHS regulations.



**CANADIAN WHMIS CLASS:** D2B

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS AS FOLLOWS-

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** Hazardous by definition of Hazard Communication Standard.

Sensitizer.

### CERCLA/ Super Fund (40 CFR 117, 302):

#### CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard (Acute)

### SARA Toxic Chemicals (40 CFR 372):

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: **None.**

**TOXIC SUBSTANCES CONTROL ACT:** All chemicals in this compound are listed on the TSCA.

# SAFETY DATA SHEET

## NEW JERSEY RIGHT-TO-KNOW:

Chemical Name	CAS Number
Bisphenol A Epoxy Resin	25085-99-8
Alkyl Glycidyl Ether	68609-97-2
Proprietary Mixture	Proprietary
Nonylphenol	25154-52-3

## PENNSYLVANIA RIGHT-TO-KNOW:

Chemical Name	CAS Number
Bisphenol A Epoxy Resin	25085-99-8
Alkyl Glycidyl Ether	68609-97-2
Nonylphenol	25154-52-3

**California Proposition 65:** To the best of our knowledge, no Proposition 65 chemicals exist in this product.

## 16. OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, ROCK-TRED CORPORATION CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USE.

# SAFETY DATA SHEET

DATE PRINTED :	6/22/2017
MSDS REF. No :	H120-000

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PATCHMASTER HARDENER  
**PRODUCT CODE:** H120-000

**Supplier/ Manufacturer**  
Tennessee Specialties Co.  
PO Box 4231  
Chattanooga, TN 37405

**TENNESSEE SPECIALTIES CO. PHONE:** 423-517-8501  
**EMERGENCY PHONE:** CHEMTREC 800-424-9300, 24hours  
**ORIGINAL DATE ISSUED:** 3/15/13 **REVISION DATE:** 8/7/13

**Recommended end use:** Half of a two component system designed for application and use as a protective coating.

## 2. HAZARDS IDENTIFICATION

Acute Oral Toxicity, Category 2  
Skin Corrosion, Category 1C  
Serious Eye Damage, Category 2A  
Aspiration Hazard, Category 2  
Acute Aquatic Hazard, Category 3



**SIGNAL WORD:** Danger

**Hazard-determining components of labeling:** Benzyl Alcohol

### Hazard Statements

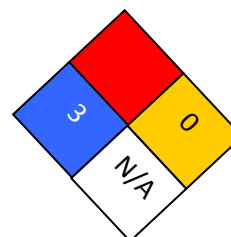
H317 May cause an allergic skin reaction  
H302 Harmful if swallowed  
H412 Harmful to aquatic life  
H335 May cause respiratory irritation  
H314 Causes severe skin burns and eye damage

### Precautionary Statements

P273 Avoid Release to the Environment  
P280 Wear protective gloves/ protective clothing/eye protection/face protection.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing.  
P310 Immediately Call a POISON CENTER or doctor/physician.

HMIS RATING	
Health :	3
Flammability :	1
Reactivity :	0
Personal Protection :	X

### NFPA CODES



# SAFETY DATA SHEET

## Potential Health Effects:

**SKIN:** Allergic reaction possible. May cause sensitization. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**EYES:** May cause irritation. Corneal injury is likely.

**INHALATION:** Inhalation of vapors causes skin irritation of the respiratory tract and may cause adverse systemic effects.

**INGESTION:** Headache. Nausea. Vomiting. Death, unless treated promptly.

**CHRONIC HAZARDS:** Overexposure may cause lung damage. Liver Disorders. Kidney Disorders. Adverse respiratory effects. Adverse skin effects. Adverse eye effects.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This document is a pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	Weight %	CAS Number
Isophoronediamine	<40%	2855-13-2
Benzyl Alcohol	>40%	100-51-6

## 4. FIRST AID MEASURES

**GENERAL ADVICE:** Consult a physician. Show this safety data sheet to physician in attendance.

**EYES:** Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.

**SKIN:** Contact a physician. Remove product and flush with plenty of water for at least 20-30 minutes. Wash with soap and water.

**INHALATION:** Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**INGESTION:** Administer 3-4 glasses of milk or water. Never give anything by mouth to an unconscious person. **DO NOT INDUCE VOMITING!** Obtain medical care and hospital treatment immediately.

Note to physicians: This product is highly injurious to all tissues, similar to that of ammonia or ammonia gas. Chemical pneumonitis, pulmonary edema, laryngeal edema and delayed scarring of the airway or other affected tissues may occur following exposure. There is no specific treatment. Clinical management is based on supportive treatment, which is similar to that for thermal burns.

## 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol Foam. Dry Chemical Foam. Carbon Dioxide. Water Fog.

**For safety reasons, unsuitable extinguishing agents:** water spray.

**SPECIAL FIRE & UNUSUAL HAZARD:** May generate toxic or irritating combustion products. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases. Vapors may travel along the ground to a source of ignition and flash back. Vapors may collect in closed spaces such as sewers, caves or closed structures. Sudden reaction and fire may result if product is mixed with an oxidizing agent.

**SPECIAL FIREFIGHTING INSTRUCTIONS:** Firefighters should wear butyl rubber boots, gloves and body suit as well as a self-contained breathing apparatus.

**ADDITIONAL INFORMATION:** Remove all ignition sources. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**HAZARDOUS COMBUSTION PRODUCTS formed under fire conditions:** carbon oxides, nitrogen oxides, toxic fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Evacuate personnel to safe area. Ensure adequate ventilation. Provide adequate ventilation and wear a respirator.

**Action to Take for Spills/Leaks:** Prevent further leaking if safe to do so. Dike spill area. Flush area with water spray. Absorb spill with inert material (ex. dry sand or earth) and place in a metal chemical waste container for proper disposal.

No action shall be taken involving any personal risk. Evacuate surrounding areas. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Avoid runoff into storm sewers and ditches which lead into waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. Discharge into the environment must be avoided. If seepage into the environment has occurred, notify respective authorities.

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.



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See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

**HANDLING:** Handle in a well-ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Ground all containers during material transfer. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

**STORAGE:** Keep from freezing. Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

**Ventilation:** Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

### Personal Protection Equipment:

**Respiratory Protection:** In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended. For emergency situations use self-contained breathing apparatus with pressure demand mode.



**Skin Protection:** Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical safety goggles. Gloves should be tested for chemical resistance before reliable use. (penetration times, rates of diffusion and rate of degradation). Wear long sleeves and pants, exposing as little skin as possible.



**Eye Protection:** Wear chemical safety glasses with side shields or goggles. In the event of an emergency, use eye goggles with a full face shield. DO NOT WEAR CONTACT LENSES when working with this material!!!

**Hygienic Practices:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

### Exposure limits:

Benzyl Alcohol Time Weighted Average (TWA): WEEL 10ppm 44.2 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Volatile Organic Content:</b> 60.6028242	<b>Solubility in Water:</b> <0.1 g/L
<b>Color:</b> Colorless	<b>Specific Gravity @ 20°C:</b> 1.0122801
<b>Odor:</b> Ammoniacal	<b>pH @ 100%:</b> Alkaline
<b>Physical Appearance:</b> Colorless, liquid	<b>Melting/Freezing point:</b> N/A
<b>Boiling Point:</b> >392°F (>200°C)	<b>Flashpoint:</b> 95°C
<b>Ignition Temperature:</b> N/A	<b>Auto-ignition temperature:</b> N/A
<b>Explosion Limits:</b> <b>Lower:</b> N/A <b>Upper:</b> N/A	<b>Water solubility:</b> <0.1 g/L
	<b>Partition coefficient (n-octanol/water):</b> N/A
	<b>Relative vapor density:</b> N/A
<b>Odor Threshold:</b> N/A	<b>Evaporation rate:</b> N/A

N/A = Not Available N/D = Not Determined Ca. = Approximate

# SAFETY DATA SHEET

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable under recommended and normal storage conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**INCOMPATIBILITY:** Oxidizing Agents. Organic Acids. Mineral Acids. Sodium Hypochlorite. Reactive Metals. Materials reactive with hydroxyl compounds. Reaction with peroxides may create explosions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide due to combustion. Carbon dioxide due to combustion. Nitrogen oxides due to combustion. Irritating and toxic fumes at elevated temperatures. Ammonia. Nitric Acid. Aldehydes. Flammable hydrocarbon fragments.

**CONDITIONS TO AVOID:** Open Flame / Sparks / Sources of ignition. Heat.

## 11. TOXICOLOGICAL INFORMATION

**Component Toxicological Information:** (Acute)

Ingestion : LD50: 1000 mg/kg Rat Estimated

Inhalation : No data available on the product itself.

Inhalation-components: Benzyl Alcohol

LC50 (4h) : >4.178 mg/l Rat

LD50 Dermal Rabbit Est. >1000 mg/kg

Eye Irritation: Severe Eye Irritation

Acute Dermal Irritation/ Corrosion: Severe Skin Irritation

### CHRONIC HEALTH HAZARD:

The product or a component may be mutagenic, the data is inconclusive. Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The NOAEL was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

## 12. ECOLOGICAL INFORMATION

**Marine Pollutant/Ecotoxicity:** Exposure at low concentrations may kill fish.

Toxicity to Fish:

Benzyl Alcohol: LC50 (96h) : 10 mg/l Lepomis macrochirus

LC50 (96h): 460 mg/l Pimephales promelas

Toxicity to Algae:

Benzyl Alcohol: IC50 (72h): 700 mg/l Algae

**Environmental Fate:** Low bioaccumulation potential

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations. Incinerate in admixture with fuel equipped with a scrubber to remove nitrogen oxides and carbon monoxide. Disposal of in permitted waste management facility if incineration or landfill is not practicable.

# SAFETY DATA SHEET

## 14. TRANSPORT INFORMATION

### DOT SHIPPING INFORMATION

**DOT Proper Shipping Name:** Amines, Liquid, Corrosive, N.O.S.

**DOT Technical Name:** Amines, Liquid, Corrosive, N.O.S. (contains Isophoronediamine)

**DOT Hazard Class:** Class 8

**Hazard Subclass:** N.A.

**DOT I.D. Number:** UN2735

**Packing Group:** III

### IMDG

**Technical Name:** Amines, Liquid, Corrosive, N.O.S. (contains Isophoronediamine)

**Hazard Class:** Class 8

**Hazard Subclass:** N.A.

**I.D. Number:** UN2735

**Packing Group:** III

### INTERNATIONAL REGULATIONS:

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with GHS regulations.

**CANADIAN WHMIS CLASS:** D2B



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## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS AS FOLLOWS-

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** Hazardous by definition of Hazard Communication Standard.

Corrosive. Sensitizer.

### CERCLA/ Super Fund (40 CFR 117, 302):

#### CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard (Acute)    Delayed Health Hazard (Chronic)

### SARA Toxic Chemicals (40 CFR 372):

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:    **None.**

**TOXIC SUBSTANCES CONTROL ACT:** All chemicals in this compound are listed on the TSCA

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NEW JERSEY RIGHT-TO-KNOW / PENNSYLVANIA RIGHT-TO-KNOW:

Chemical Name	CAS Number
Isophoronediamine	2855-13-2
Benzyl Alcohol	100-51-6
Aliphatic Amine Adduct	Proprietary
Aliphatic Amine Blend	Proprietary

**California Proposition 65:** To the best of our knowledge, no Proposition 65 chemicals exist in this product.

## 16. OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, ROCK-TRED CORPORATION CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USE.