

# Safety Data Sheet

## SECTION 1: IDENTIFICATION

**Product Name:** Epoxy 3 Component Patch, High Build Epoxy Floor Coating  
**Product Number:** 10-22 Mix A  
**Recommended Use:** Floor Topping, Patching  
**CAS Numbers:** 25068-38-6, 13463-67-7, 14808-60-7, 68609-97-2, 84852-15-3, 64742-95-6  
**Manufacturer:** Ecodan Solutions  
570 Oak St  
Copiague, NY 11726  
**Emergency number:** Chemtrec 800.424.9300

## SECTION 2: HAZARDS IDENTIFICATION

**Classification:**  
**OSHA Regulatory Status:** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation.....	Category 1 Sub-category B
Serious Eye Damage/Eye Irritation .....	Category 1
Skin Sensitization.....	Category 1B
Germ Cell Mutagenicity .....	Category 1B
Carcinogenicity .....	Category 1A
Reproductive Toxicity.....	Category 2

**Label Elements:** Danger

**Pictograms:**



**Signal Word:** Warning

**Hazard Statements:** Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. May cause genetic defects. May cause cancer.

**Appearance:** Liquid

**Precautionary Statements:** **Prevention.** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Keep away from heat/sparks/open flames/hot surfaces, no smoking.

**Response.** Immediately call a poison center or physician. **Eyes:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or physician. **Skin:** If on skin, or hair, immediately take off all contaminated clothing. Rinse skin with water. Wash contaminated clothing before re-use. If skin irritation or rash occurs, get medical attention. **Inhalation:** If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or physician. **Ingestion:** If swallowed, rinse mouth. DO NOT induce vomiting. **Fire:** In case of fire, use CO<sub>2</sub>, dry chemical, or foam for extinction.

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**Precautionary Statements:** *Storage.* Store locked up.

*Disposal.* Dispose of contents/container to an approved waste disposal plant.

**Other Hazards:** Designed to be mixed with other components. Mixture will have hazards of all components. Caution: all floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application.

## Classification System:

### NFPA Ratings (scale 0-4)



Health = 1  
Fire = 0  
Reactivity = 0

### HMIS Ratings (scale 0-4)

HEALTH 1 Health = 1\*  
FIRE 1 Fire = 0  
REACTIVITY 0 Reactivity = 0

\* Chronic hazard

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### SUBSTANCE

NAME	PRODUCT IDENTIFIER	%
4,4-isopropylidenediphenol-epichlorohydrin copolymer	CAS No. 25068-38-6	60
Titanium dioxide	CAS No. 13463-67-7	20
Silica, crystalline	CAS No. 14808-60-7	10
Oxirane, mono[(C12-14-alkyloxy)methyl] drivs.	CAS No. 68609-97-2	10
Nonylphenol	CAS No. 84852-15-3	10
Solvent naphtha, petroleum, light aromatic	CAS No. 64742-95-6	0.5

## SECTION 4: FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

**General Advice:** If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Flush eyes immediately with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation:** Remove victim to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

**Ingestion:** Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

**Protection of First-aiders** Use personal protective equipment.

**Important Effects:** No information available.

**Note to Physician:** Treat symptomatically.

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## SECTION 5: FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Foam, dry powder or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Protective Equipment & Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved and full protective gear.

**Specific Hazards Arising From the Chemical:** Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

**Sensitivity of Mechanical Impact:** No.

**Sensitivity to Static Discharge:** No.

### Flash Point Data:

Flash Point °F	310
Flash Point °C	154
Flash Point Method	PMCC

### Flammability Limits in Air:

Lower Explosion Limit	Not Available
Upper Explosion Limit	Not Available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**Personal Precautions:** Use personal protective equipment. Remove all sources of ignition.

**Other Information:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

### ENVIRONMENTAL PRECAUTIONS

See section 12 for additional ecological information.

### METHODS FOR CLEANING UP

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Handling:** Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep in properly labeled containers.

**Incompatible Materials:** No information available.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS - Exposure Guidelines

Chemical Name	ACGIH TLVs	OSHA PELs
4,4-isopropylidenediphenol- epichlorohydrin copolymer	N/E	N/E
Titanium dioxide	10 mg/m <sup>3</sup> - TWA	15 mg/m <sup>3</sup> - TWA
Silica, crystalline	0.025 mg/m <sup>3</sup> - TWA	respirable-(10)/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA respirable-(250)/(%SiO <sub>2</sub> +5) mppcf TWA total dust-(30)/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA
Oxirane, mono[(C12-14-alkyloxy)methyl] drivs.	N/E	N/E
Nonylphenol	N/E	N/E
Solvent naphtha, petroleum, light aromatic	N/E	N/E

### EXPOSURE CONTROLS

**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

**Pictograms:** Safety Glasses. Protective Gloves. Protective Clothing. Respiratory Protection.



**Eye/Face:** Wear safety glasses or goggles with side shields.

**Skin/Body:** Wear suitable protective clothing - long sleeved clothing and protective gloves.

**Respiratory:** In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

#### General Industrial

**Hygiene Considerations:** Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Solvent
Odor Threshold	No information available
Density (lbs/gal)	11.1 - 11.2
Specific Gravity	1.33 - 1.34
pH	No information available
Viscosity (cps)	No information available
Solubility	No information available
Water Solubility	No information available
Evaporation Rate	No information available
Vapor Pressure	No information available
Vapor Density	No information available

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Wt. % Solids	95 - 100
Vol. % Solids	95 - 100
Wt. % Volatiles	0 - 5
Vol. % Volatiles	0 - 5
VOC Regulatory Limit (g/L)	<100
Boiling Point °F	300
Boiling Point °C	149
Freezing Point °F	No information available
Freezing Point °C	No information available
Flash Point °F	310
Flash Point °C	154
Flash Point Method	PMCC
Flammability (solid, gas)	Not available
Upper Explosion Limit	Not available
Lower Explosion Limit	Not available
Autoignition Temperature °F	No information available
Autoignition Temperature °C	No information available
Decomposition Temperature °F	No information available
Decomposition Temperature °C	No information available
Partition Coefficient	No information available

## SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not Applicable.
Chemical Stability:	Stable under normal conditions. Hazardous polymerization does not occur.
Conditions to Avoid:	Excessive temperatures.
Incompatible Materials:	Incompatible with strong acids and bases and strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition can lead to release of irritating gases and vapors.
Possibility of Hazardous Reactions:	None under normal conditions of use.

## SECTION 11: TOXICOLOGICAL INFORMATION

### INFORMATION ON LIKELY ROUTES OF EXPOSURE

Product:	Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.
Inhalation:	No information available.
Eye Contact:	No information available.
Skin Contact:	No information available.
Ingestion:	No information available.

### INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms:	No information available.
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### DELAYED & IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT & LONG TERM EXPOSURE

Sensitization:	No information available.
Mutagenic Effects:	No information available.
Reproductive Effects:	No information available.

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## NUMERICAL MEASURES OF TOXICITY (BASED ON CHAPTER 3.1 OF GHS DOCUMENT)

ATEmix (oral): 3264 mg/kg  
 ATEmix (dermal): 36708 mg/kg

### ACUTE TOXICITY - COMPONENT

**4,4-isopropylidenediphenol- epichlorohydrin copolymer** LD50 Oral: 11,400 mg/kg (Rat)

**Titanium dioxide** LD50 Oral: >10000 mg/kg (Rat)  
 LD50 Dermal: >10000 mg/m<sup>3</sup> (Rabbit)  
 LC50 Inhalation (Dust): >6.82 mg/L (Rat, 4 hr.)

**Silica, crystalline** LD50 Oral: 500 mg/kg (Rat) vendor data

**Oxirane, mono[(C12-14-alkyloxy)methyl] drivs.** LD50 Oral: >19200 mg/kg (Rat)  
 LD50 Dermal: >4500 mg/kg (Rabbit)  
 Sensitization may be caused by skin contact

**Nonylphenol** LD50 Oral: 1300 mg/kg (Rat)

**Solvent naphtha, petroleum, light aromatic** LD50 Oral: 8400 mg/kg (Rat)

**CARCINOGENICITY** The information below indicates whether each agency has listed any ingredient as a carcinogen:

Chemical Name	IARC	NTP	OSHA Carcinogen
Titanium dioxide	2B - Possible Human Carcinogen		Listed
Silica, crystalline	1 - Human Carcinogen	Know Human Carcinogen	Listed

- Crystalline Silica has been determined to be carcinogenic to humans in IARC (1) when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to spray mist or dust from sanding the dried paint.
- Although IARC has classified titanium dioxide as possible carcinogenic to humans (2B), their summary concludes, “No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint.”

## SECTION 12: ECOLOGICAL INFORMATION

### ECO-TOXICITY - PRODUCT

**Acute Toxicity to Fish** No Information Available.

**Acute Toxicity to Aquatic Invertebrates** No Information Available.

**Acute Toxicity to Aquatic Plants** No Information Available.

**Persistence and Degradability** No Information Available.

**Bioaccumulation/Accumulation** No Information Available.

**Mobility in Environmental Media** No Information Available.

**Ozone** No information available.

### ECO-TOXICITY - COMPONENT

**Acute Toxicity to Fish**

4,4-isopropylidenediphenol- epichlorohydrin copolymer LC50: 1.5 mg/L (Rainbow Trout - 96 hrs.)  
 Titanium dioxide LC50: >1000 mg/L (Fathead Minnow - 96 hrs.)

**Acute Toxicity to Aquatic Invertebrates** No Information Available.

**Acute Toxicity to Aquatic Plants** No Information Available.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS:

**Waste Disposal Method** Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**Empty Container Warning** Not Available

## SECTION 14: TRANSPORTATION INFORMATION

**DOT** UN1760, Corrosive Liquids, n.o.s. (nonylphenol), Class 8, PG III

**ICAO / IATA** Contact the preparer for further information.

**IMDG / IMO** Contact the preparer for further information.

## SECTION 15: REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

**TSCA** Yes - All components are listed or exempted  
**DSL/NDSL** Yes - All components are listed or exempted

### U.S. FEDERAL REGULATIONS

#### SARA 311/312 HAZARDOUS CATEGORIZATION

Acute Health Hazard Yes  
Chronic Health Hazard Yes  
Fire Hazard No  
Sudden Release of Pressure Hazard No  
Reactive Hazard No

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: None.

#### CLEAN AIR ACT, SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) (SEE 40 CFR 61)

This product contains the following HAPs: None.

### STATE REGULATIONS

**CALIFORNIA PROPOSITION 65** This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

### STATE RIGHT-TO-KNOW

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Titanium dioxide	X	X	X
Silica, crystalline	X	X	X

X = Listed

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## SECTION 16: OTHER INFORMATION

**WARNING:** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1.800.424.LEAD or log onto [www.epa.gov/lead](http://www.epa.gov/lead).

**This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not constitute a guarantee for any specific property of this product. No warranty is expressed or implied regarding the accuracy of this data or the result obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.**



# Safety Data Sheet

## SECTION 1: IDENTIFICATION

**Product Name:** Epoxy 3 Component Patch, High Build Epoxy Floor Coating  
**Product Number:** 10-22 Mix B  
**Recommended Use:** Floor Topping, Patching  
**CAS Numbers:** 100-51-6, 2855-13-2, 84852-13-3  
**Manufacturer:** Ecodean Solutions  
570 Oak St  
Copiague, NY 11726  
**Emergency number:** Chemtrec  
800.424.9300

## SECTION 2: HAZARDS IDENTIFICATION

**Classification:** Flammable Liquids, DOT Class 3 Flammable Liquids  
**OSHA Regulatory Status:** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
Acute Toxicity - Oral..... Category 4  
Skin corrosion/irritation..... Category 1B  
Serious Eye Damage/Eye Irritation ..... Category 1  
Skin Sensitization..... Category 1  
Reproductive Toxicity..... Category 2  
Flammable Liquids..... Category 4

**Label Elements:** Danger



**Pictograms:**

**Signal Word:** Warning

**Hazard Statements:** Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Combustible liquid.

**Appearance:** Liquid

**Precautionary Statements:** **Prevention.** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Keep away from heat/sparks/open flames/hot surfaces, no smoking.

**Response.** Immediately call a poison center or physician. **Eyes:** If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or physician. **Skin:** If on skin, or hair, immediately take off all contaminated clothing. Rinse skin with water. Wash contaminated clothing before re-use. If skin irritation or rash occurs, get medical attention. **Inhalation:** If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or physician. **Ingestion:** If swallowed, call a poison center or physician if you feel unwell. Rinse mouth. DO NOT induce vomiting. **Fire:** In case of fire, use CO<sub>2</sub> dry chemical, or foam for extinction.

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**Precautionary Statements:** **Storage.** Store locked up. Store in a well-ventilated place. Keep cool.

**Disposal.** Dispose of contents/container to an approved waste disposal plant.

**Other Hazards:** Designed to be mixed with other components. Mixture will have hazards of all components.  
Caution: all floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application

## Classification System:

### NFPA Ratings (scale 0-4)



Health = 1  
Fire = 1  
Reactivity = 0

### HMIS Ratings (scale 0-4)

HEALTH	1	Health = 1
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### SUBSTANCE

NAME	PRODUCT IDENTIFIER	%
Benzyl alcohol	CAS No. 100-51-6	30
Isophoronediamine	CAS No. 2855-13-2	30
Nonylphenol	CAS No. 84852-15-3	30

## SECTION 4: FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

**General Advice:** If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Flush eyes immediately with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation:** Remove victim to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately.

**Ingestion:** Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.

**Protection of First-aiders** Use personal protective equipment.

**Important Effects:** No information available.

**Note to Physician:** Treat symptomatically.

## SECTION 5: FIRE FIGHTING MEASURES

### EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** Foam, dry powder or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Protective Equipment & Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, NSHA NIOSH approved and full protective gear.

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## Specific Hazards Arising From the Chemical:

Combustible material. Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.

**Sensitivity of Mechanical Impact:** No.

**Sensitivity to Static Discharge:** Yes.

## Flash Point Data:

Flash Point °F	200
Flash Point °C	93
Flash Point Method	PMCC

## Flammability Limits in Air:

Lower Explosion Limit	Not Available
Upper Explosion Limit	Not Available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**Personal Precautions:** Use personal protective equipment. Remove all sources of ignition.

**Other Information:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

### ENVIRONMENTAL PRECAUTIONS

See section 12 for additional ecological information.

### METHODS FOR CLEANING UP

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**Handling:** Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep in properly labeled containers.

**Incompatible Materials:** No information available.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS - Exposure Guidelines

Chemical Name	ACGIH TLVs	OSHA PELs	
Benzyl alcohol	N/E	N/E	
Isophoronediamine	N/E	N/E	
Nonylphenol	N/E	N/E	

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

### EXPOSURE CONTROLS

**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Pictograms:** Safety Glasses. Protective Gloves. Protective Clothing. Respiratory Protection.



**Eye/Face:** Wear safety glasses or goggles with side shields. Eye protection such as chemical splash goggles and or face shield must be worn when possibility exists for eye contact due to splashing/spraying liquid, airborne particles or vapors.

**Skin/Body:** Wear suitable protective clothing - long sleeved clothing and protective gloves.

**Respiratory:** In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

### General Industrial

**Hygiene Considerations:** Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Solvent
Odor Threshold	No information available
Density (lbs/gal)	8.45 - 8.55
Specific Gravity	1.01 - 1.02
pH	No information available
Viscosity (cps)	No information available
Solubility	No information available
Water Solubility	No information available
Evaporation Rate	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Wt. % Solids	95 - 100

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<b>Vol. % Solids</b>	95 - 100
<b>Wt. % Volatiles</b>	0 - 5
<b>Vol. % Volatiles</b>	0 - 5
<b>VOC Regulatory Limit (g/L)</b>	<100
<b>Boiling Point °F</b>	399
<b>Boiling Point °C</b>	204
<b>Freezing Point °F</b>	No information available
<b>Freezing Point °C</b>	No information available
<b>Flash Point °F</b>	200
<b>Flash Point °C</b>	93
<b>Flash Point Method</b>	PMCC
<b>Flammability (solid, gas)</b>	Not available
<b>Upper Explosion Limit</b>	Not available
<b>Lower Explosion Limit</b>	Not available
<b>Autoignition Temperature °F</b>	No information available
<b>Autoignition Temperature °C</b>	No information available
<b>Decomposition Temperature °F</b>	No information available
<b>Decomposition Temperature °C</b>	No information available
<b>Partition Coefficient</b>	No information available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not Applicable.
<b>Chemical Stability:</b>	Stable under normal conditions. Hazardous polymerisation does not occur.
<b>Conditions to Avoid:</b>	Keep away from open flames, hot surfaces, static electricity and sources of ignition.
<b>Incompatible Materials:</b>	Incompatible with strong acids and bases and strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions of use.

## SECTION 11: TOXICOLOGICAL INFORMATION

### INFORMATION ON LIKELY ROUTES OF EXPOSURE

<b>Product:</b>	No information available.
<b>Inhalation:</b>	No information available.
<b>Eye Contact:</b>	No information available.
<b>Skin Contact:</b>	No information available.
<b>Ingestion:</b>	No information available.

### INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Symptoms:</b>	No information available.
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### DELAYED & IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT & LONG TERM EXPOSURE

<b>Sensitization:</b>	No information available.
<b>Mutagenic Effects:</b>	No information available.
<b>Reproductive Effects:</b>	No information available.

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## NUMERICAL MEASURES OF TOXICITY (BASED ON CHAPTER 3.1 OF GHS DOCUMENT)

ATEmix (oral): 1140 mg/kg  
ATEmix (dermal): 4031 mg/kg  
ATEmix (inhalation-dust/mist): 35.2 mg/L

### ACUTE TOXICITY - COMPONENT

Benzyl Alcohol	LD50 Oral	1230-1660 mg/kg (Rat)
	LD50 Dermal	2000 mg/kg (Rabbit)
	LC50 Inhalation (Vapor)	>5000 mg/m <sup>3</sup> (Rat)
Nonylphenol	LD50 Oral	1300 mg/kg (Rat)

**CARCINOGENICITY** There are no known carcinogenic chemicals in this product above reportable levels.

## SECTION 12: ECOLOGICAL INFORMATION

### ECO-TOXICITY - PRODUCT

ACUTE TOXICITY TO FISH	No information available.
ACUTE TOXICITY TO AQUATIC INVERTEBRATES	No information available.
ACUTE TOXICITY TO AQUATIC PLANTS	No information available.
PERSISTENCE AND DEGRADABILITY	No information available.
BIOACCUMULATION / ACCUMULATION	No information available.
MOBILITY IN ENVIRONMENTAL MEDIA	No information available.
OZONE	No information available.

### ECO-TOXICITY - COMPONENT

ACUTE TOXICITY TO FISH	No information available.
ACUTE TOXICITY TO AQUATIC INVERTEBRATES	No information available.
ACUTE TOXICITY TO AQUATIC PLANTS	No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS:

**Waste Disposal Method** Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**Empty Container Warning** Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

## SECTION 14: TRANSPORTATION INFORMATION

### DOT

Proper shipping name	Paint related material
Hazard Class	8
UN-No	UN3066
Packing Group	II

**ICAO / IATA** Contact the preparer for further information.

**IMDG / IMO** Contact the preparer for further information.

# Safety Data Sheet

## SECTION 15: REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

**TSCA** Yes - All components are listed or exempted  
**DSL/NDL** Yes - All components are listed or exempted

### U.S. FEDERAL REGULATIONS

#### SARA 311/312 HAZARDOUS CATEGORIZATION

Acute Health Hazard Yes  
Chronic Health Hazard Yes  
Fire Hazard Yes  
Sudden Release of Pressure Hazard No  
Reactive Hazard No

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical of chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: None.

#### CLEAN AIR ACT, SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) (SEE 40 CFR 61)

This product contains the following HAPs: None.

### STATE REGULATIONS

**CALIFORNIA PROPOSITION 65** This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

### STATE RIGHT-TO-KNOW

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Benzyl alcohol	X		X
Isophoronediamine		X	

## SECTION 16: OTHER INFORMATION

**WARNING:** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1.800.424.LEAD or log onto [www.epa.gov/lead](http://www.epa.gov/lead).

**This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not constitute a guarantee for any specific property of this product. No warranty is expressed or implied regarding the accuracy of this data or the result obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.**