

MATERIAL SAFETY DATA SHEET

Print date: 07/18/2011

Version: 0

Revision date:

1. COMPANY AND PRODUCT IDENTIFICATION

Product name: SyntheticX4 - Part A

Product code: AO-2454

Application: Epoxy Floor Treatment

Supplier:

Synthetics International
3002 Dow Avenue, Suite 210
Tustin, CA 92780
Phone: 866-646-0356
Email: info@syntheticsintl.com
Web: www.SyntheticsIntl.com

Emergency telephone number:

* 24 HOUR TRANSPORTATION:

**CHEMTREC: 1-800-424-9300

703-527-3887 (Call collect outside of US)

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Components	CAS No.	Weight %	OSHA Ceiling Limits	OSHA TWA (final)	ACGIH Ceiling Limits	ACGIH Exposure Limits	Vendor Exposure Limits
Epoxy resin	25068-38-6	70 - 80%					
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	10 - 15%					Ceiling: 25 ppm

3. HAZARDS IDENTIFICATION

Emergency Overview

Irritating to eyes.

May cause skin irritation and/or dermatitis.

May cause irritation of respiratory tract.

May cause sensitization by skin contact.

Signal word: CAUTION

Principle routes of exposure: Eyes, skin and inhalation.

Eye contact: Moderately irritating to the eyes.

Skin contact: Moderately irritating to the skin. May cause sensitization by skin contact.

Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion: Harmful if swallowed.

Physico-chemical properties: No hazards resulting from material as supplied.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician

Skin contact: Remove and wash contaminated clothing before re-use Wash off immediately with soap and plenty of water

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Note to physician: Treat symptomatically.

Medical condition aggravated by exposure: Dermatitis and asthma

5. FIRE-FIGHTING MEASURES

Flash Point (°C): 40.56 **Flash Point (°F):** 105 **Flash Point Method:** PMCC

Flammable limits in air - lower (%): 1.5 **Flammable limits in air - upper (%):** 10.5

Suitable extinguishing media: Use dry chemical, CO₂, water spray or 'alcohol' foam.

Specific hazards: Flammable. Do not allow material to contaminate ground water system.

Unusual hazards: Keep away from open flames, hot surfaces and sources of ignition. Ground and bond containers when transferring material. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure. Vapors are heavier than air and may spread along floors.

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods: Water mist may be used to cool closed containers.

6. ACCIDENTAL RELEASE MEASURES

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- Personal precautions:** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area) Evacuate personnel to safe areas. Ensure adequate ventilation. Do not breathe vapour/dust. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling
- Environmental precautions:** Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.
- Methods for cleaning up:** Soak up with inert absorbent material and dispose of as hazardous waste.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions: Provide sufficient air exchange and/or exhaust in work rooms.

Safe handling advice: In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from open flames, hot surfaces and sources of ignition. Wash thoroughly after handling. Keep container tightly closed.

Storage

Technical measures/storage conditions: Store at room temperature in the original container

Incompatible products: Strong oxidizing agents amines

Safe storage temperature: 40-100 ° F

Shelf life: 12 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	OSHA Ceiling Limits	OSHA TWA (final)	ACGIH Ceiling Limits	ACGIH Exposure Limits	NIOSH - Pocket Guide	Vendor Exposure Limits
Epoxy resin	None	None	None	None	None	None
Benzene, 1-chloro-4-(trifluoromethyl)-	None	None	None	None	None	Ceiling: 25 ppm

Engineering measures: Ensure adequate ventilation.

Personal Protective Equipment:

General: Eye Wash and Safety Shower

Respiratory protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.

Eye protection: Tightly fitting safety goggles.

Hand protection: Neoprene gloves

Skin and body protection: Long sleeved clothing. Chemical resistant apron.

Hygiene measures: Avoid contact with skin, eyes and clothing.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color	Clear Colorless,
Odor	Characteristic
Vapour density:	Not determined
Vapor pressure (hPa):	Not determined
Viscosity:	800-1200 cps
VOC less water and exempt (g/L)	9
HAP Content Product (g/L):	0
Solubility in water	Insoluble
Evaporation rate:	Not determined
pH:	NA
Flash Point (°C):	40.56
Flash Point (°F):	105
Decomposition temperature (°C):	Not determined
Auto-ignition temperature (°C):	Not determined
Density @ 15.5 °C (g/cc):	1.138
Bulk density @ 60 ° F (lb/gal):	9.5
Solids (% by weight):	100
Volatiles (% by volume) :	0
Partition coefficient (n-octanol/water):	Not determined
Explosive Limits:	
- upper limit:	No data available
- lower limit:	No data available

10. STABILITY AND REACTIVITY

Stability:

Will react with amines.

Conditions to avoid:

Heat, flames and sparks.

Materials to avoid:

Acids, Bases, Oxidizing agents, Combustible material, Amines, Curing chemical

Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapours, Carbon oxides.

Hazardous Polymerization:

Polymerization can occur.

11. TOXICOLOGICAL INFORMATION

11. TOXICOLOGICAL INFORMATION

Resins similar to a component of this product (liquid resins based on diglycidyl ether of bisphenol A) have shown activity in vitro microbial mutagenicity screening and have produced chromosomal aberrations in cultured rat liver cells. The significance of these tests to humans is unknown.

No toxicological information is available on the product. Data obtained on components are summarized below.

Components	IARC Carcinogens	NTP:	OSHA - Select Carcinogens	Acute Toxicity
Epoxy resin	Not listed as carcinogenic or possibly carcinogenic to humans	Not listed as known or reasonably anticipated to be a human carcinogen	Not listed as a select carcinogen	Rat Oral LD50 = 11400 mg/kg
Benzene, 1-chloro-4-(trifluoromethyl)-	Not listed as carcinogenic or possibly carcinogenic to humans	Not listed as known or reasonably anticipated to be a human carcinogen	Not listed as a select carcinogen	Rat Oral LD50 = 13 g/kg Rat Inhalation LC50 = 33 mg/L Rabbit Dermal LD50 > 2 mg/kg

12. ECOLOGICAL INFORMATION

Persistence and degradability: No information available

Mobility: No data available

Bioaccumulation: Not available

Ecotoxicity effects: No data available

Aquatic toxicity: Not Determined

Component Information

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Epoxy resin	No data	No data	No data
Benzene, 1-chloro-4-(trifluoromethyl)-	LC50 (Lepomis macrochirus - 48h) = 11.5-15.8 mg/L	No data	EC50 (Daphnia magna - 48h) = 3.68 mg/L

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging: Do not re-use empty containers

Methods for cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste.

Benzene, 1-chloro-4-(trifluoromethyl)-
98-56-6

US EPA Waste Number

D001

14. TRANSPORT INFORMATION

U. S. DEPARTMENT OF TRANSPORTATION:

UN/NA ID Number:

UN 1993

14. TRANSPORT INFORMATION

Proper shipping name: Flammable Liquid, N.O.S. (contains
parachlorobenzotrifluoride)
Hazard class: 3
Packing group: III
Emergency Response Guide Number: ERG # 128

TDG (CANADA):

UN nr: UN 1993
Proper shipping name: Flammable Liquid, N.O.S. (contains
parachlorobenzotrifluoride)
TDG Hazard Classification: 3
Packing group: III

IMDG/IMO:

UN nr: UN 1993
Proper shipping name: Flammable Liquid, N.O.S. (contains
parachlorobenzotrifluoride)
Class: 3
Packing group: III
EMS: F-E, S-E
Limited quantity: 5 L

IATA/ICAO:

UN nr: UN 1993
Proper shipping name: Flammable Liquid, N.O.S. (contains
parachlorobenzotrifluoride)
Hazard Class: 3
Packing group: III
Maximum quantity for cargo only: 220 L
Maximum quantity for passenger: 60 L
Limited quantity: 10 L

15. REGULATORY INFORMATION

CANADIAN REGULATIONS:

Canada - WHMIS Classification Information: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Canadian Product Classification: Class D2B
B2 = flammable (flash < 100F)

Product Classification

Graphic(s):



Component Classification Data:

Components	WHMIS hazard class	CEPA Schedule I	Challenge Substances
Epoxy resin	D2B	Not listed	Not listed
Benzene, 1-chloro-4-(trifluoromethyl)-	None	Listed	Not listed

U.S. FEDERAL REGULATIONS:

OSHA Hazard Communication Standard:

This product is considered to be hazardous under the OSHA Hazard Communication Standard.

CERCLA/SARA Information:

SARA (311, 312) hazard class: This product possesses the following SARA Hazard Categories:

Immediate Health (Acute): Yes
Delayed Health (Chronic): Yes
Flammability: Yes
Pressure: No
Reactivity: No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Epoxy resin	Not listed	Not listed	Not listed
Benzene, 1-chloro-4-(trifluoromethyl)-	Not listed	Not listed	Not listed

Clean Air and Clean Water Acts:

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Epoxy resin	Not listed	Not listed	Not listed	Not listed
Benzene, 1-chloro-4-(trifluoromethyl)-	Not listed	Not listed	Not listed	Not listed

RCRA Status:

To be disposed of as characteristic hazardous waste: Ignitable (D001).

U.S. STATE REGULATIONS (RTK):

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Epoxy resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Benzene, 1-chloro-4-(trifluoromethyl)-	Not Listed	Not Listed	Not Listed	0936	Not Listed

May contain trace amounts of listed chemicals: ethyl benzene, phenyl glycidyl ether

INVENTORY STATUS:

United States TSCA - Sect. 8(b) Inventory:

This product complies with TSCA

Canada DSL/NDSL Inventory List

All components except one are on the DSL Inventory List. The remaining ingredient is listed on the NDSL Inventory List.

16. OTHER INFORMATION

Sources of key data used to compile the data sheet: Material safety data sheets of the ingredients.

Revision Date: 7/2011

Reason for revision:

New formulation

HMIS classification:

HMIS Use Dilution

NFPA rating:

Health:
2*

Health
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Health:
2

Flammability:
3

Flammability
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Flammability:
3

Reactivity:
0

Reactivity
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Reactivity:
0

Personal Protection:
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Personal Protection
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Special:
NA

* Indicates possible chronic health effect

Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.

Disclaimer

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. Synthetics International assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of Synthetics International.

End of Safety Data Sheet

MATERIAL SAFETY DATA SHEET

Print date: 10/08/2011

Version: 4

Revision date: 10/08/2011

1. COMPANY AND PRODUCT IDENTIFICATION

Product name: SyntheticX4 - Part B

Product code: AO-2454

Application: Epoxy Floor Treatment

Supplier:

Synthetics International
3002 Dow Avenue, Suite 210
Tustin, CA 92780
Phone: 866-646-0356
Email: info@syntheticsintl.com
Web: www.SyntheticsIntl.com

Emergency telephone number:

* 24 HOUR TRANSPORTATION:

**CHEMTREC: 1-800-424-9300

703-527-3887 (Call collect outside of US)

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Components	CAS No.	Weight %	OSHA Ceiling Limits	OSHA TWA (final)	ACGIH Ceiling Limits	ACGIH Exposure Limits	Vendor Exposure Limits
Benzyl alcohol	100-51-6	40 - 50%					
Isophorone diamine	2855-13-2	30 - 40%					
1,3-Benzenedimethanamine	1477-55-0	20 - 30%			0.1 mg/m ³		

3. HAZARDS IDENTIFICATION

Emergency Overview

CORROSIVE

The product causes burns of eyes, skin and mucous membranes.

Severe respiratory irritant

May cause sensitization by skin contact.

Harmful if swallowed.

Signal word: DANGER

Principle routes of exposure: Eyes, skin and inhalation.

Eye contact: Corrosive to the eyes and may cause severe damage including blindness

Skin contact:	Causes skin burns. May cause severe, irreversible damage to skin. May cause sensitization by skin contact. May be absorbed through the skin in harmful amounts.
Inhalation:	Irritating to respiratory system.
Ingestion:	Can cause severe irritation and inflammation of the nose, throat, and stomach. Can burn mouth, throat, and stomach.
Physico-chemical properties:	Corrosive.

4. FIRST AID MEASURES

General advice:	Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin contact:	Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Rinse immediately with plenty of water for at least 15 minutes
Ingestion:	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Inhalation:	Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
Note to physician:	In case of ingestion, the stomach should be emptied by gastric lavage under qualified medical supervision. Material is corrosive. It may not be advisable to induce vomiting. Possible mucosal damage may contraindicate the use of gastric lavage..
Medical condition aggravated by exposure:	Dermatitis and asthma

5. FIRE-FIGHTING MEASURES

Flash Point (°C): 101	Flash Point (°F): 213	Flash Point Method: PMCC
Flammable limits in air - lower (%): Not determined	Flammable limits in air - upper (%): Not determined	
Suitable extinguishing media:	Use dry chemical, CO2, water spray or 'alcohol' foam.	
Unusual hazards:	None known	
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
Specific methods:	Water mist may be used to cool closed containers.	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapour/dust. Wash thoroughly after handling
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Environmental precautions: Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions: Use only in area provided with appropriate exhaust ventilation.

Safe handling advice: In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

Storage

Technical measures/storage conditions: Keep containers tightly closed in a cool, well-ventilated place.

Incompatible products: strong acids and oxidizing agents, Copper or copper-bearing alloys.

Safe storage temperature: 50 - 100 °F

Shelf life: 2 years

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	OSHA Ceiling Limits	OSHA TWA (final)	ACGIH Ceiling Limits	ACGIH Exposure Limits	NIOSH - Pocket Guide	Vendor Exposure Limits
Benzyl alcohol	None	None	None	None	None	None
Isophorone diamine	None	None	None	None	None	None
1,3-Benzenedimethanamine	None	None	0.1 mg/m ³	None	0.1 mg/m ³ (Ceiling)	None

Engineering measures: Ensure adequate ventilation.

Personal Protective Equipment:

General: Eye Wash and Safety Shower

Respiratory protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.

Eye protection: Goggles. Face-shield.

Hand protection: Neoprene gloves

Skin and body protection: Long sleeved clothing. Chemical resistant apron. Boots.

Hygiene measures: Wash hands before breaks and immediately after handling the product. Discard contaminated leather articles.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color	Clear
Odor	Amine-like
Boiling point/range (°F):	401
Vapour density:	5.88
Vapor pressure (kPa):	Not determined
Viscosity:	100-300 cps
VOC Content Product (g/L)	0
VOC less water and exempt (g/L)	0
HAP Content Product (g/L):	0
Solubility in water	Moderately soluble
Evaporation rate:	Not determined
pH:	>11
Flash Point (°C):	101
Flash Point (°F):	213
Decomposition temperature (°C):	Not determined
Auto-ignition temperature (°C):	Not determined
Density @ 15.5 °C (g/cc):	1.03
Bulk density @ 60 ° F (lb/gal):	8.6
Solids (% by weight):	100
Volatiles (% by volume) :	0
Partition coefficient (n-octanol/water):	Not determined
Explosive Limits:	
- upper limit:	No data available
- lower limit:	No data available

10. STABILITY AND REACTIVITY

Stability:

Can react strongly with epoxy resins at elevated temperatures.

Conditions to avoid:

Exposure to water vapour. Exposure to air.

Materials to avoid:

Strong acids and oxidising agents, Copper, Copper alloys, Epoxy resins under uncontrolled conditions.

Hazardous decomposition products:

Nitrogen oxides (nox), Carbon oxides, Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous Polymerization:

Not applicable

11. TOXICOLOGICAL INFORMATION

No toxicological information is available on the product. Data obtained on components are summarized below.

Components	IARC Carcinogens	NTP:	OSHA - Select Carcinogens	Acute Toxicity
Benzyl alcohol	Not listed as carcinogenic or possibly carcinogenic to humans	Not listed as known or reasonably anticipated to be a human carcinogen	Not listed as a select carcinogen	Rat Oral LD50 = 1230 mg/kg Rabbit Dermal LD50 = 2000 mg/kg Rat Inhalation LC50 = 8.8 mg/L
Isophorone diamine	Not listed as carcinogenic or possibly carcinogenic to humans	Not listed as known or reasonably anticipated to be a human carcinogen	Not listed as a select carcinogen	Rat Oral LD50 = 1030 mg/kg
1,3-Benzenedimethanamine	Not listed as carcinogenic or possibly carcinogenic to humans	Not listed as known or reasonably anticipated to be a human carcinogen	Not listed as a select carcinogen	Rabbit Dermal LD50 = 2000 mg/kg Rat Inhalation LC50 = 700 ppm Rat Oral LD50 = 930 mg/kg

12. ECOLOGICAL INFORMATION

Persistence and degradability: No information available

Mobility: No data available

Bioaccumulation: Not available

Ecotoxicity effects: No data available

Aquatic toxicity: Not Determined

Component Information

Components	Ecotoxicity - Fish Species Data:	Ecotoxicity - Freshwater Algae Data:	Ecotoxicity - Water Flea Data:
Benzyl alcohol	LC50 (Lepomis macrochirus - 96h) = 10 mg/L LC50 (Pimephales promelas - 96h) = 460 mg/L	EC50 (Anabaena variabilis - 3h) = 35 mg/L	EC50 (water flea - 48h) = 23 mg/L
Isophorone diamine	LC50 (Leuciscus idus - 96h) = 110 mg/L	EC50 (Desmodesmus subspicatus - 72h) = 37 mg/L	EC50 (Daphnia magna - 48h) = 14.6 - 21.5 mg/L EC50 (Daphnia magna - 24h) = 42 mg/L
1,3-Benzenedimethanamine	No data	No data	No data

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging: Do not re-use empty containers

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

14. TRANSPORT INFORMATION

U. S. DEPARTMENT OF TRANSPORTATION:

UN/NA ID Number:	UN 2735
Proper shipping name:	AMINES, CORROSIVE, LIQUID, N.O.S. (isophoronediamine)
Hazard class:	8
Packing group:	III
Emergency Response Guide Number:	ERG 153

TDG (CANADA):

UN nr:	UN 2735
Proper shipping name:	AMINES, CORROSIVE, LIQUID, N.O.S. (isophoronediamine)
TDG Hazard Classification:	8
Packing group:	III

IMDG/IMO:

UN nr:	UN 2735
Proper shipping name:	AMINES, CORROSIVE, LIQUID, N.O.S. (isophoronediamine)
Class:	8
Packing group:	III
EMS:	F-A, S-B
Limited quantity:	5 L

IATA/ICAO:

UN nr:	UN 2735
Proper shipping name:	AMINES, CORROSIVE, LIQUID, N.O.S.. (isophoronediamine)
Hazard Class:	8
Packing group:	III
Maximum quantity for cargo only:	60 L
Maximum quantity for passenger:	5 L
Limited quantity:	1 L

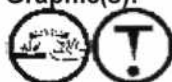
15. REGULATORY INFORMATION

CANADIAN REGULATIONS:

Canada - WHMIS Classification Information: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Canadian Product Classification: Class E - Corrosive Material
Class D2B

**Product Classification
Graphic(s):**



Component Classification Data:

Components	WHMIS hazard class	CEPA Schedule I	Challenge Substances
Benzyl alcohol	B3 D2B	Listed	Not listed
Isophorone diamine	D2B E	Not listed	Not listed
1,3-Benzenedimethanamine	D2B E	Not listed	Not listed

U.S. FEDERAL REGULATIONS:

OSHA Hazard Communication Standard: This product is considered to be hazardous under the OSHA Hazard Communication Standard.

CERCLA/SARA Information:

SARA (311, 312) hazard class: This product possesses the following SARA Hazard Categories:

Immediate Health (Acute): Yes
Delayed Health (Chronic): Yes
Flammability: No
Pressure: No
Reactivity: No

Components	Hazardous Substances and RQs	Extremely Hazardous Substances and TPQs	SARA 313 Emission Reporting
Benzyl alcohol	Not listed	Not listed	Not listed
Isophorone diamine	Not listed	Not listed	Not listed
1,3-Benzenedimethanamine	Not listed	Not listed	Not listed

Clean Air and Clean Water Acts:

Components	Hazardous Air Pollutants	CWA - Hazardous Substances	CWA - Toxic Pollutants	CWA - Priority Pollutants
Benzyl alcohol	Not listed	Not listed	Not listed	Not listed
Isophorone diamine	Not listed	Not listed	Not listed	Not listed
1,3-Benzenedimethanamine	Not listed	Not listed	Not listed	Not listed

RCRA Status: To be disposed of as characteristic hazardous waste: characteristic: Corrosive D002

U.S. STATE REGULATIONS (RTK):

Components	California Proposition 65	PARTK	MI Critical Materials	NJRTK	MARTK
Benzyl alcohol	Not Listed	Present	Not Listed	Not Listed	Present
Isophorone diamine	Not Listed	Not Listed	Not Listed	1067	Not Listed
1,3-Benzenedimethanamine	Not Listed	Present	Not Listed	1320	Present

California Proposition 65 Status: No components are listed

INVENTORY STATUS:

United States TSCA - Sect. 8(b) Inventory: This product complies with TSCA

Canada DSL/NDL Inventory List This product complies with DSL

16. OTHER INFORMATION

Sources of key data used to compile the data sheet: Material safety data sheets of the ingredients.

Reason for revision:

This data sheet contains changes from the previous version in section(s) 3, 4, 6, 7, 8, 14 and 15

HMIS classification:**HMIS Use Dilution****NFPA rating:****Health:**

3*

Health

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Health:

3

Flammability:

1

Flammability

--

Flammability:

1

Reactivity:

0

Reactivity

--

Reactivity:

0

Personal Protection:

H

Personal Protection

--

Special:

NA

* Indicates possible chronic health effect

Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.

Disclaimer

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. Synthetics International assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of Synthetics International.

End of Safety Data Sheet