

# Safety Data Sheet

For

## Mascoat 450EN Epoxy-Part B

### Section 1-Chemical Product and Company Information

Product Name: Mascoat 450EN Epoxy Part B  
Product Code: M-450EN-Part B  
Trade Name: 450EN Epoxy

#### Other Means of Identification

##### **Other Information:**

This Safety Data Sheet complies with the requirements of the OSHA Hazard Communication Standard 2012 Final Rule. This product is intended for use by properly trained and qualified professionals after having familiarized themselves with this SDS and understand all hazards to themselves and the environment through a comprehensive training program according to the Hazard Communication Standard 29 CFR 1910.1200, and the Occupational Safety and Health adoption of the Global Harmonization Standard (GHS). Use of this product may present additional hazards, and no guarantee is implied that the hazards and necessary precautions listed in this document are the only ones present. Customers using this product are responsible for determining proper personal protection equipment according to the specific conditions, PPE listed are a minimum standard. This product is not intended for general public use.

#### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use:** Under insulating coatings or conventional insulation for CUI protection in heavy industrial environments.

**Not Recommended For:** Unintended uses per technical data sheet

**Uses Advised Against** Restricted to professional users

#### **Manufactured for:**

Mascoat  
4310 Campbell Road  
Houston, TX 77041  
USA

**Information Telephone:** 713-465-0304

**Emergency Telephone: 24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300 (chemical emergency of spill, leak, fire, exposure, or accident) International: (703) 527-3887, call collect

### Section 2-Hazards Identification

#### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

#### Label elements

**Danger**

**Hazard statements** Harmful if swallowed Harmful in contact with skin Harmful if inhaled



**Appearance** Paint

**Physical state** liquid

**Odor** amine

**Precautionary Statements**

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area Do not breathe dusts or mists Wear protective gloves/protective clothing/eye protection/face protection Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

IF exposed: Call a POISON CENTER or doctor/physician  
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 doctor  
Call a POISON CENTER or doctor if you feel unwell  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse  
IF INHALED: Remove person to fresh air and keep comfortable for breathing  
Immediately call a POISON CENTER or doctor  
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth  
Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Not applicable

**Unknown acute toxicity**

50 % of the mixture consists of ingredient(s) of unknown toxicity

## Section 3- Composition and Information on Ingredients

### Mixture

Chemical Name	CAS No.	Weight-%
m-xylene-a,a-diamine	1477-55-0	50

## Section 4-First Aid Measures

### Description of first aid measures

#### **General advice**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. Call 911 or emergency medical service. Immediately call a POISON CENTER or doctor/physician. Use first aid treatment according to the nature of the injury.

#### **Inhalation**

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical advice/attention. Administer oxygen if breathing is difficult. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician. Unconscious persons should be moved to an uncontaminated area and, as necessary, given artificial resuscitation and supplemental oxygen.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Get medical attention if symptoms occur.

#### **Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention. May cause an allergic skin reaction. Remove material from skin immediately. Wash off immediately with soap and plenty of water for at least 15 minutes. Do not use solvents or thinners to dissolve the material. Take off contaminated clothing and wash before reuse. Get medical attention immediately if symptoms occur. Allergic symptoms may be delayed.

#### **Ingestion**

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

#### **Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid breathing vapors or mists. Use personal protective equipment as required. See section 8 for more information. Remove all sources of ignition.

### Most important symptoms and effects, both acute and delayed

#### **Symptoms**

Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. Difficulty in breathing. Symptoms may include headache, dizziness, thirst, cramping, coughing, and nausea. These symptoms may be delayed. Repeated or prolonged exposure may cause kidney, liver, neurological, central nervous system, eye and skin disorders. See Section 11 for additional Toxicological Information. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Vapors may cause drowsiness and dizziness.

## Indication of any immediate medical attention and special treatment needed

### Note to physicians

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitization in susceptible persons. Treat symptomatically. Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.

## Section 5-Fire Fighting Measures

### Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam. Dry chemical, CO<sub>2</sub>, alcohol-resistant foam, or water spray. Use water spray or fog; do not use straight streams. Dry sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be ineffective.

### Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Product is or contains a sensitizer. May cause sensitization by skin contact. May be ignited by heat, sparks, or flames. Vapors may form explosive mixture with air. Vapors may travel to source of ignition and flash back. In the event of fire and/or explosion do not breathe fumes. Containers may explode when heated. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire may produce irritating, corrosive and/or toxic gases. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### Hazardous combustion products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons. Nitrogen oxides (NO<sub>x</sub>).

### Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes

### 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. Use only non-sparking tools.

## Section 6-Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

#### Personal precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Attention! Corrosive material. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapors or mists. See section 8 for more information. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Full encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Wear protective gloves/protective clothing and eye/face protection. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges.

#### Other Information

Refer to protective measures listed in Sections 7 and 8. Ventilate the area. Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### Environmental precautions

#### Environmental precautions

Prevent further leakage or spillage if safe to do so. Should not be released into the

environment. Do not allow to enter soil/subsoil. Prevent product from entering drains. See Section 12 for additional Ecological Information. Dispose of this material and its container to hazardous or special waste collection point. Prevent entry into waterways, sewers, basements, or confined areas.

### **Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Dike to collect large liquid spills. Do not touch or walk through spilled material. Keep out of drains, sewers, ditches and waterways.
<b>Methods for cleaning up</b>	Place in appropriate chemical waste container. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Use personal protective equipment as required.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.
<b>Reference to other sections</b>	See section 8 for more information. See section 13 for more information.

## Section 7-Handling and Storage

### **Precautions for safe handling**

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Avoid breathing vapors or mists. Ensure adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protection equipment. Use spark-proof tools and explosion-proof equipment. Use with local exhaust ventilation. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not ingest. If swallowed seek immediate medical assistance. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof. Remove all sources of ignition. Remove contaminated clothing and shoes.
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### **Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children. Store locked up. Protect from moisture. Store away from other materials. Keep/store only in original container. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep away from open flames, hot surfaces and sources of ignition. Keep in an area equipped with sprinklers.
<b>Packaging materials</b>	use only with original package - do not repackage.

## Section 8-Exposure Controls / Personal Protection

### **Control parameters**

#### **Exposure Limits**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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m-xylene-a,a-diamine 1477-55-0	S* Ceiling: 0.1 mg/m <sup>3</sup>	(vacated) S* (vacated) Ceiling: 0.1 mg/m <sup>3</sup>	Ceiling: 0.1 mg/m <sup>3</sup>
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#### Other Information

This product may also contain pigments that are otherwise non-hazardous according to the US GHS: REFER TO ACGIH TLV NUISANCE PARTICULATE GUIDANCE OF 10mg/m<sup>3</sup>, 3 mg/m<sup>3</sup> respirable fraction; OSHA PEL 15mg/m<sup>3</sup> total dust, 5mg/m<sup>3</sup> respirable fraction.

#### Appropriate engineering controls Engineering

##### controls

Showers  
Eyewash stations  
  
Ventilation systems.

#### Individual protection measures, such as personal protective equipment Eye/face

##### protection

Face protection shield.

##### Hand Protection

Wear suitable gloves. Impervious gloves. Wear nitrile or natural rubber gloves to protect hands from contact. Butyl gloves are best for prolonged contact.

##### Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.  
  
Impervious clothing such as Tyvek(R) coveralls for light protection or Saranex(R) 23-P for moderate protection.

##### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Adequate ventilation should be used as the first measure to ensure airborne thresholds listed in section 8 of this SDS are not exceeded. If respirators are used, they should be used in accordance with the Hazard Communication Standard.

##### General hygiene considerations

Avoid contact with skin, eyes, or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink, or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## Section 9-Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Appearance</b>	Paint
<b>Odor</b>	amine
<b>Color</b>	clear
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	10	
Melting point / freezing point	No data available	None known
Boiling point / boiling range	273 °C / 523 °F	None known
Flash point	139 °C / 282 °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:		
No data available	Lower flammability limit:	

No data available		
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>Specific gravity</b>	1.1
<b>Non-Volatile (%)</b>	100 %
<b>VOC Content (g/l)</b>	0
<b>Density</b>	9.21 lbs./gal
<b>Bulk density</b>	No information available

**Section 10-Stability and Reactivity**

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing.
<b>Conditions to avoid</b>	Heat, flames, and sparks.
<b>Incompatible materials</b>	Strong acids. Strong bases. Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides (NOx). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Section 11-Toxicological Information**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. Harmful by inhalation.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage to eyes.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Corrosive. (based on

components). Causes burns. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May be absorbed through the skin in harmful amounts. Harmful in contact with skin.

## Ingestion

Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

Chemical Name	Acute toxicity - Oral	Oral LD50	Acute toxicity - Dermal	LD50/dermal/rat - mg/kg
m-xylene-a,a-diamine 1477-55-0	Category 4	= 660 mg/kg ( Rat )		= 2 g/kg ( Rabbit )

Chemical Name	Physical state	Acute toxicity - Inhalation (Dusts/Mists)	Acute toxicity - Inhalation (Gases)	Acute toxicity - Inhalation (Vapors)	Inhalation LC50	LC50 Inh 1-hr Vapor rat/rabbit (no units)	Inhalation LC50 - 4 hour - vapor - mg/L
m-xylene-a,a-diamine 1477-55-0	liquid	Category 4			= 700 ppm ( Rat ) 1 h	700	1.9496

Chemical Name	Eyes	Respiratory sensitization	Skin sensitization	Mutagenicity	Mutagenic category 1
m-xylene-a,a-diamine 1477-55-0	Category 1		Category 1		

Chemical Name	Carcinogenicity	Carcinogenic category 1	Skin corrosion/irritation	Skin corrosion
m-xylene-a,a-diamine 1477-55-0			Category 1	Sub-category B

Chemical Name	NIOSH - Target Organs	STOT - single exposure	Target Organ Systemic Toxicant - Repeated exposure	Aspiration toxicity	Ozone
m-xylene-a,a-diamine 1477-55-0	eyes,kidneys,liver, respiratory system,skin				

## Information on toxicological effects

### Symptoms

Redness. Burning. May cause blindness. Coughing and/ or wheezing. Itching. Rashes. Hives.

## Numerical measures of toxicity

### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	660.00 mg/kg
ATEmix (dermal)	2,000.00 mg/kg
ATEmix (inhalation-dust/mist)	1.50 mg/l

### Unknown acute toxicity

50 % of the mixture consists of ingredient(s) of unknown toxicity

## Component Information

Chemical Name	Oral LD50	LD50/dermal/rat - mg/kg	Inhalation LC50
m-xylene-a,a-diamine 1477-55-0	= 660 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	= 700 ppm ( Rat ) 1 h

## Delayed and immediate effects as well as chronic effects from short and long-term exposure



<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes burns.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns.
<b>Respiratory or skin sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.

#### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists) IARC**

**(International Agency for Research on Cancer)**

**NTP (National Toxicology Program)**

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>Target Organ Systemic Toxicant - Repeated exposure</b>	No information available.
<b>Target organ effects</b>	liver, kidney, Respiratory system, Eyes, Skin.
<b>Aspiration hazard</b>	No information available.

## Section 12-Ecological Information

<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Other adverse effects</b>	No information available.

## Section 13-Disposal Considerations

#### Waste treatment methods

##### **Waste from residues/unused products**

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers. Dispose of in accordance with federal, state, and local regulations. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. This material and its container, if discarded, would be regulated

as a hazardous waste under RCRA. Treatment and disposal must be completed at a RCRA permitted treatment, storage, and disposal facility (TSD). The storage and transportation of RCRA hazardous wastes are also regulated by the EPA.

US EPA Waste Number

D002.

## Section 14-Transport Information

### DOT

UN/ID no. UN2735

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class 8

Packing Group II

Special Provisions B2, IB2, T11, TP1, TP27

Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II

Complete Proper Shipping Name UN2735, Amines, liquid, corrosive, n.o.s. (M-xylylene diamine), 8, PG II

Emergency Response Guide Number 153

### TDG

UN/ID no. UN2735

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class 8

Packing Group II

Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II

### MEX

UN/ID no. UN2735

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class 8

Special Provisions 274

Packing Group II

Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II

### ICAO (air)

UN/ID no. UN2735

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class 8

Packing Group II

Special Provisions A3

Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II

### IATA

UN/ID no. UN2735

Hazard Class 8

Packing Group II

ERG Code 8L

Description &UN2735, &, 8, II

### IMDG

UN/ID no. UN2735

Hazard Class 8

Packing Group II

EmS-No. F-A, S-B

Special Provisions 274

Description &UN2735, &, 8, II

### RID

UN/ID no. UN2735

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class 8

Packing Group II

**Classification code** C7  
**Description** UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II  
**Labels** 8

**ADR**

**UN/ID no.** UN2735  
**Proper shipping name** AMINES, LIQUID, CORROSIVE, N.O.S.  
**Hazard Class** 8  
**Packing Group** II  
**Classification code** C7  
**Tunnel restriction code** (E)

**Special Provisions** 274  
**Description** UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II  
**Labels** 8

**ADN**

**Proper shipping name** AMINES, LIQUID, CORROSIVE, N.O.S.  
**Hazard Class** 8  
**Packing Group** II  
**Classification code** C7  
**Special Provisions** 274  
**Description** UN2735, AMINES, LIQUID, CORROSIVE, N.O.S., 8, II  
**Hazard label(s)** 8  
**Limited quantity (LQ)** 1 L

**Section 15-Regulatory Information**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CAA (Clean Air Act)**

The following component(s) are listed in the Clean Air Act.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Right-to-Know Regulations**

**US State Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
m-xylene-a,a-diamine 1477-55-0	X	X	X

**U.S. EPA Label Information**

**Section 16-Other Information**

<b>Hazardous Material Information System (HMIS)</b>	<b>National Fire Protection Association (NFPA)</b>
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Health	4
Flammability	1
Physical Hazard	0
Personal Protection	X



**HMIS & NFPA Hazard Rating Legend**

- \* = Chronic Health Hazard
- 0 = INSIGNIFICANT**
- 1 = SLIGHT**
- 2 = MODERATE**
- 3 = HIGH**

Date Prepared: 8 October 2020

Revision Number: 1

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The information in the sheet was written based on the best knowledge and experience currently available.