

Material Safety Data Sheet

Revision Date: 08/12 Print Date: 08/21/12
Version 3.0 MSDS Identification: 3300 Primer - Part B Epoxy Curing Agent

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : 3300 Primer - Part B

Product Use Description : Epoxy Curing Agent

Company : Protective Floorings and Linings
A Division of Milamar Coatings, LLC
311 N.W. 122nd St, Suite 100
Oklahoma City, OK 73114

Telephone : 405-755-8448

Emergency Telephone Number: ChemTel 800-255-3924 or 813-248-0585 (International)

2. COMPOSITION / INFORMATION ON INGREDIENTS	% Wt.	Symbol	CAS No.	EC No.	R-phrases
Hazardous Ingredients 1					
2-Piperazin-1-Yylethylamine	10-15	Xn	140-31-8	205-411-0	21-22-34-43-52/53
Triethylenetetramine	5-10	Xn	112-24-3	203-950-6	21-34-43-52/53
4,4'-Isopropylidenediphenol(Bisphenol A)	5-10	Xn	80-05-7	201-245-8	36/37/38-43

see section 15 for labeling risk phrases and section 16 for others.

Chemical Family: Amidoamine

3. HAZARDS INFORMATION

Emergency Overview

Causes gastrointestinal irritation. May cause irritation of the respiratory tract if inhaled. Causes severe eye irritation. May cause an allergic skin reaction.

Delivery State : Liquid

State : Clear, Viscous

Odor : Ammoniacal.

Color(s) : Amber.

Routes of entry : Inhalation, Skin Contact.

Potential Health Acute Effects:

Inhalation : May cause respiratory irritation.

Eye Contact : causes serious eye damage.

Ingestion : May cuase burns to the mouth, throat, and stomach.

Material Safety Data Sheet

Revision Date: 08/12
Version 3.0

Print Date: 08/21/12
MSDS Identification: 3300 Primer - Part B Epoxy Curing Agent

Potential Chronic Health Effects : None known.

4. FIRST AID MEASURES

Inhalation : Move to fresh air. If adverse health effects develop, seek medical attention.

Skin Contact : Rinse with plenty of water. Remove contaminated clothes. Wash clothing before reuse. Get medical attention.

Eye Contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. See medical attention.

Ingestion : Do not induce vomiting. The victim should drink several glasses of water to dilute the ingested substance. If vomiting occurs naturally, keep airway clear. Give medical attention. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media : Alcohol-resistant foam.
Water Fog
Carbon Dioxide (CO₂).
Dry Chemical.
Dry Sand.
Limestone Powder.

Special protection equipment for firefighters : Wear full protective clothing.
Wear self-contained breathing apparatus.

Unusual fire or explosion hazards : None known.

Hazardous combustion products : Carbon dioxide, carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions : Collect rinsate for disposal.

Methods For Clean-Up : Pick up spilled material and containerize for recovery or disposal. Using adequate protective equipment, add dry material to absorb spill.

7. HANDLING AND STORAGE

Handling : Ensure good ventilation / suction at the workplace.

Fire and explosion protection : Avoid open flames and sources of ignition.
Take measures to prevent the build-up of electrostatic charges.

Storage : Ensure adequate ventilation. Keep containers tightly sealed.

Material Safety Data Sheet

Revision Date: 08/12
Version 3.0

Print Date: 08/21/12
MSDS Identification: 3300 Primer - Part B Epoxy Curing Agent

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

System design	:	Local exhaust ventilation recommended.
Personal Protection Measures:		
Respiratory protection	:	Respirator with organic vapor cartridge. Not applicable with adequate ventilation
Hand protection	:	Protective gloves made of plastic or rubber.
Eye protection	:	Tight Fitting Goggles / Glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Description	:	
Delivery State	:	Liquid
Color	:	Clear, viscous.
Odor	:	Ammoniacal
Color	:	Amber
Designation:		
Density	:	0.98 g/cm3
Solubility in Water	:	Slight (0.1 to 1%)

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions.
Dangerous decomposition products	:	None if used for intended purpose.
Decomposition advices	:	No decomposition if used according to specifications.
Reactivity:		
Materials to avoid	:	Oxidizers, Strong Acids.
Hazardous Polymerization	:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	:	LD50 > 2000 - <=5000 mg/kg body weight (Experiment)
Acute Dermal Toxicity	:	Harmful in contact with skin.
Skin Irritation	:	Moderately Irritating.
Eye Irritation	:	Severely Irritating.
Sensitizing	:	Dermal Sensitization: Sensitizing.

Material Safety Data Sheet

Revision Date: 08/12
Version 3.0

Print Date: 08/21/12
MSDS Identification: 3300 Primer - Part B Epoxy Curing Agent

12. ECOLOGICAL INFORMATION

General Ecological Information

:

The ecological evaluation of the product is based on data from the raw material and / or comparable substances.

Acute Fish Toxicity

:

LC50 > 1 - <= 10 mg product / l.

Acute Bacterial Toxicity

:

EC0 > 10 - <= 100mg product / l.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Of Product

:

Dispose of in an approved landfill in accordance with federal, state / provincial and local regulations. This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (49 CFR)

Proper shipping name

:

Amines, Liquid, Corrosive, N.O.S (N-Aminoethylpiperazine/Triethylenetetramine)

Hazard Class

:

8

Dangerous Labels

:

8

Identification Number

:

UN2735

Packing Group

:

III

Marine Pollutant

:

None

International Air Transportation (ICAO / IATA)

Proper shipping name

:

Amines, Liquid, Corrosive, N.O.S (N-Aminoethylpiperazine/Triethylenetetramine)

Hazard Class

:

8

Dangerous Labels

:

8

Identification Number

:

UN2735

Packing Group

:

III

Water Transportation (IMO/IMDG):

Proper shipping name

:

Amines, Liquid, Corrosive, N.O.S (N-Aminoethylpiperazine/Triethylenetetramine)

Hazard Class

:

8

Dangerous Labels

:

8

Identification Number

:

UN2735

Packing Group

:

III

Marine Pollutant

:

None

The transportation information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and / or limitations for the product quantity being shipped.

15. REGULATORY INFORMATION

TSCA Inventory Status

:

This product and / or all of its components are either included on or exempt from the TSCA

Material Safety Data Sheet

Revision Date: 08/12
Version 3.0

Print Date: 08/21/12
MSDS Identification: 3300 Primer - Part B Epoxy Curing Agent

Inventory of Chemical Substances.

SARA 311/312 Hazard Categories:	:	Immediate Health
TSCA 12(b) Components	:	None
Sara 313 Toxic Chemicals	:	None
Sara 302 Extremely Hazardous Substances	:	None
CERCLA Hazardous Chemicals	:	None
California Proposition 65	:	No California Proposition 65 listed chemicals are known to be present.

16. OTHER INFORMATION

HMIS Rating

Health	:	2
Flammability	:	1
Reactivity	:	1

Prepared By	:	Protective Floorings and Linings. EH&S Product Safety Department
-------------	---	--
