

MATERIAL SAFETY DATA SHEET

PRODUCT #12A

MANUFACTURED FOR:

Epoxy Systems, Inc.
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Dunnellon, FL 34431

EMERGENCY TELEPHONE NO.:

1-800-633-8253

INFORMATION: 352-489-1666

Hazardous Material Description, Proper Shipping Name, Hazard Class,
Hazard ID No.: Not regulated by D.O.T., Resin Compound, none, N.A

Trade Name: Epoxy Systems' Product #15- Resin Component

Additional Hazard Classes (as applicable):

HMIS Health-2 Fire-1

Chemical Family: Epoxy Resin

Date Prepared: 7/5/2000

SECTION II -- HAZARDOUS INGREDIENTS

Hazardous Components:	OSHA PEL	ACGIH TLV	OTHER LIMITS %
25068-38-6 Resin	n/a	n/a	n/a 85-90
68609-96-1 Diluent	n/a	n/a	n/a 5-10
63148-62-9 Air Release Additive	n/a	n/a	n/a 0-1
68037-61-6 Air Release Additive	n/a	n/a	n/a 0-1

SECTION III -- PHYSICAL DATA

Boiling range: n/a

Vapor Density: n/a

Evaporation Rate: ___Faster xx Slower than Ether

Percent volatile by volume: 0Specific Gravity (H2O = 0): 1.13

Solubility In Water: Negligible

Appearance and Odor: Clear Liquid, Mild Odor

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

DOT Category: Not Regulated

Flashpoint: >200EF SFCC LEL: N/A UEL: N/A

Extinguishing Media: Use water spray, alcohol foam, dry chemical, carbon dioxide.

Unusual Fire and Explosion Hazards: None

Special Fire Fighting Procedures: Water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposure. Wear self-contained breathing apparatus; wear goggles if eye protection not provided.

SECTION V -- HEALTH HAZARD DATA

Threshold Limit Value: Not established (see Section II)

Route(s) of Entry: Skin

Carcinogenicity: None

Signs and Symptoms of Exposure: Redness of the skin, sensitization or other allergic responses.

Medical Conditions Generally Aggravated by Exposure: Redness and drying of the skin followed by other conditions attributed to contact dermatitis..

Emergency and First Aid Procedures: In case of skin contact, wipe off excess, wash immediately with mild soap and water. For eyes, flush with plenty of water for 15 minutes and SEEK ATTENTION IMMEDIATELY. Ingestion- seek medical attention immediately. Inhalation- Remove from contaminated area to fresh air.

SECTION VI -- REACTIVITY DATA

Stability: ___Unstable xx Stable

Conditions to Avoid: n/a

Incompatibility (Materials to avoid): Strong acids, amines.

Hazardous Decomposition Products: Decomposition may produce carbon monoxide and/or carbon dioxide, aldehydes and acids.

Hazardous Polymerization: ___May Occur xx Will not Occur

Conditions to Avoid: Strong acids, amines, mercaptans and bases.

SECTION VII -- Precautions for Safe Handling and Use:

Steps to be Taken in Case Material is Released or Spilled: Soak up in absorbent material or scrape up. Residual can be removed with non-flammable solvent.

Waste Disposal Method: Burn in adequate incinerator in compliance with Federal, State and Local Regulations for Hazardous Materials.

Precautions to be Taken in Handling and Storing: Store in a cool, dry, well ventilated area away from excessive heat or open flame.

Other Precautions: Avoid breathing of Vapors. Practice Good Personal Hygiene and exercise caution to avoid skin and eye contact

SECTION VIII -- SPECIAL PROTECTION INFORMATION

Respiratory Protection: None Normally needed. NIOSH approved organic vapor respirators are only required where ventilation is inadequate. NIOSH approved air-line respirators with auxiliary escape air tanks or self-contained breathing apparatus should be used in confined spaces.

Ventilation: Local exhaust recommended. Good general ventilation normally adequate

Protective Gloves: Impervious gloves

Eye Protection: Safety glasses with side shields

Other Protective Equipment: Use clean body covering clothing to protect against skin contamination.

Work/ Hygienic Practices: **DO NOT** eat, drink or smoke while using this product.

The information contained herein is based on data believed by Epoxy Systems, Inc. to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendations or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents is the sole responsibility of the user.

MATERIAL SAFETY DATA SHEET

PRODUCT #12B

MANUFACTURED FOR: Epoxy Systems, Inc.
 Dunnellon, FL 34431

EMERGENCY TELEPHONE NO.:
 1-800-633-8253
 Information: 352-489-1666

Hazardous Material Description, Proper Shipping Name, Hazard Class,
 Hazard ID No.: Not regulated by D.O.T., Hardener Compound, none, N.A
 Trade Name: Epoxy Systems' Product #315-- "B" Component

Additional Hazard Classes (as applicable): HMIS Health-3 Fire-1
 Chemical Family: Epoxy Resin Hardener Date Prepared: 4/15/91

SECTION II -- HAZARDOUS INGREDIENTS

Hazardous Components:		OSHA PEL	ACGIH TLV	OTHER LIMITS %	
2855-13-2	Cycloaliphatic Diamine	n/a	n/a	n/a	40-50%
100-51-6	Alcohol	n/a	n/a	n/a	40-50%
69-72-7	Salicyclic Acid	n/a	n/a	n/a	1-5%
84-74-2 *	Plasticizer	5 MG/M ³	5 MG/M ³	n/a	1-5%
111-40-0	Diethylene Triaminen/a		1PPM-skin	4MG/M ³	

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*Contains Chemicals Subject to the Reporting Requirements of Section 313 of SARA
 Title 111 and 40CFR372

SECTION III -- PHYSICAL DATA

Boiling range: n/a
 Vapor Density: n/a
 Evaporation Rate: ___Faster xx Slower than Ether
 Percent volatile by volume: 0 Specific Gravity (H²O = 0): .99
 Solubility In Water: Slight
 Appearance and Odor: Amber Liquid, Ammoniacal Odor

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

DOT Category: Not Regulated

Flashpoint: >200°F SFCC LEL: N/A UEL: N/A

Extinguishing Media: Use water spray, alcohol foam, dry chemical, carbon dioxide.

Unusual Fire and Explosion Hazards: None

Special Fire Fighting Procedures: Water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposure. Wear self-contained breathing apparatus; wear goggles if eye protection not provided.

SECTION V -- HEALTH HAZARD DATA

Threshold Limit Value: Not established (see Section II)

Route(s) of Entry: Skin, Inhalation, (unlikely) Ingestion.

Health Hazards (Acute and Chronic): Eyes- Severe Burns, Redness, Tearing.

Skin- Severe Burns, Irritation, Dermatitis, Possibly sensitization. Ingestion-

Gastrointestinal irritation, Nausea, Vomiting. Inhalation- Nasal and Respiratory Irritation possible.

Carcinogenicity: None

Signs and Symptoms of Exposure: Eyes- Redness, Tearing. Skin -Rash, Redness.

Medical Conditions Generally Aggravated by Exposure: Redness and drying of the skin followed by other conditions attributed to contact dermatitis..

Emergency and First Aid Procedures: In case of skin contact, wipe off excess, wash immediately with mild soap and water. For eyes, flush with plenty of water for 15 minutes and SEEK ATTENTION IMMEDIATELY.

Ingestion- seek medical attention immediately. Inhalation- Remove from contaminated area to fresh air.

SECTION VI -- REACTIVITY DATA

Stability: ___Unstable xx Stable

Conditions to Avoid: Strong Oxidants

Incompatibility (Materials to avoid): Strong Oxidants.

Hazardous Decomposition Products: Decomposition may produce carbon monoxide and/or carbon dioxide, oxides of nitrogen.

Hazardous Polymerization: ___May Occur xx Will not Occur

SECTION VII -- Precautions for Safe Handling and Use:

Steps to be Taken in Case Material is Released or Spilled: Soak up in absorbent material or scrape up. Residual can be removed with non-flammable solvent.

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Ventilation: Local exhaust recommended. Good general ventilation normally adequate

Protective Gloves: Impervious gloves

Eye Protection: Safety glasses with side shields

Other Protective Equipment: Use clean body covering clothing to protect against skin contamination.

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