Material Safety Data Sheet
ARCOR™ SPRAYTHANE FL ACTIVATOR

Date of Issue: 4/2012

ChemTel ERS / MOD Tel US: 800-255-3924
Outside US: +001-813-248-0585

1. Identification of the Substance/Preparation and Company/Undertaking

Product Manufacturer: ARCOR Epoxy Inc.
PO Box 273 So. Dennis, MA 02660 U.S.A.
Tel: 800-878-9593 / Fax: 888-878-9593
. E-mail: Tech@ArcorEpoxy.com / **www.ArcorEpoxy.Com**

Product Name: SPRAYTHANE FL Activator
Product Number: N/A
Product Use: AMINE CURED 100% SOLIDS EPOXY / URETHANE TOPCOAT

2. Composition/Information on Ingredients

Composition/Information on ingredients:

	CAS Number	OSHA PEL	ACGIH TVL	OTHER
Alkyl Amines	4226-51-9	Not established	Not established	
Cyanoguanidiene (Dicyaniamide)	461-58-5	Not established	Not established	
Aminated Urethane Prepolymer (chemical I.D. trade secret of O.E.M)	Undisclosed	Not established	Not established	

3. Hazards Identification

Non-hazardous

4. First Aid Measures

Skin: Immediately remove with clean cloth, wash with soap and water. If irritation persists get medical advice.
Ingestion: **DO NOT INDUCE VOMITING**. Drink lots of water and consult physician immediately.
Inhalation: If symptoms occur move to fresh air and consult physician immediately.
Eyes: Flush with clean water for 15 minutes. Consult Physician if irritation persists.

5. Fire-Fighting Measures

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Water Spray
Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed
Unusual Fire and Explosion Hazards: Decomposition and combustion products may be hazardous.

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ARCOR™ SPRAYTHANE FL ACTIVATOR

6. Accidental Release Measures

Personal Precautions: Immediately contact emergency personnel. Use suitable protective equipment (section 8).
Environmental Precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Methods for Cleaning Up: Absorb with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent and water.
Waste Disposal: Dispose of in accordance with Federal, State & Local Regulations.

7. Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage: Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources.

8. Exposure Controls/Personal Protection

Routes of Entry: Skin, Ingestion, Inhalation

Health Hazards

Skin: Dermal irritation; Eyes: Eye Irritation
Ingestion: Gastrointestinal Irritation
Inhalation: Respiratory Irritation

Signs and Symptoms of Exposure

Skin: Reddening, Swelling, Rash, Blistering, Scaling
Ingestion: Dizziness, Weakness
Inhalation: Burning in nose & throat, Chest pains
Eyes: Pain, tearing, Reddening, Swelling

Control Measures

Respiratory Protection: Not required in normal use. NIOSH respirator if spraying
Ventilation: When suitable natural ventilation is not available provide local exhaust ventilation especially when spraying.
Other Protective Measures: Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible. Do not wear contact lenses while handling.
Hygiene Practices: Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

9. Physical/Chemical Characteristics

Flash Point: PMCC 220 F
Flammable Limits: LEL: not available UEL: not available
Boiling Point: Not Applicable
Vapor Pressure: Not Applicable
Melting Point: Not Applicable
Vapor Density: Not Applicable
Specific Gravity: 1.07
Evaporation Rate: Negligible
Solubility in Water: Slight
Appearance & Odor: Black colored Liquid, Mild odor slight

10. Stability and Reactivity Data

Stability: Stable
Stability Conditions To avoid: Not Applicable
Incompatibility (materials to avoid): Strong Oxidizing Agents, acids, bases
Hazardous Decomposition Products: Carbon Monoxide & Irritating Toxic Fumes
Hazardous Polymerization: Will not occur

11. Toxicological Information

Potential acute health effects

Skin: Irritating to skin. May cause sensitization by skin contact.
Eye contact: Irritating to eyes.
Ingestion: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Skin: Reddening, Swelling, Rash, Blistering, Scaling
Ingestion: Dizziness, Weakness
Inhalation: Burning in nose & throat, Chest pains
Eyes: Pain, tearing, Reddening, Swelling

Potential chronic health effects

Carcinogenicity: No carcinogenic effect.
Mutagenicity: No mutagenic effect.
Reproductive toxicity: No known significant effects or critical hazards.

12. Ecological Information

There is no data on the product itself. The following information is provided on the basis of the individual component data available. The product should not be allowed to enter soil, drains, sewers, ditches and waterways or be deposited where it can affect ground or surface waters. See also sections 5,6,7,9 and 13.

13. Disposal Considerations: Non-Hazardous. Dispose of in accordance with Federal, State & Local Regulations.

14. Transportation Information

* Non-Hazardous Material
* Unregulated
* Harmonized Code Activator (Hardener): 2921.29.0000

15. Regulatory Information

Other EU regulations

EU statistical classification: 39073000

US National Regulations

SARA 313 toxic chemical notification and release reporting: No products were found

16. Other Information

HMIS Rating Health (2); Flammability (1); Reactivity (0); Personal Protection (X)

Date of Issue: 4/2012
Date of Previous Issue: 12/2010

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However some of the information presented and conclusions' drawn are derived from sources other than direct test data on the product itself and while ARCOR Epoxy Inc believes such sources to be reliable, the information is provided without warranty regarding its correctness.

Since ARCOR Epoxy Inc has no control over the conditions under which the product will be used, liability will not be assumed to exceed replacement or refund of the purchase price of this product. Except as stated herein, there are no express or implied warranties including warranties of merchantability or fitness for a particular purpose. ARCOR Epoxy Inc assumes no liability for injury or incidental or consequential damage arising out of the storage, handling or use or, disposal of this product.

Material Safety Data Sheet
ARCOR™ SPRAYTHANE FL BASE

Date of Issue: 4/2012

ChemTel ERS / MOD Tel US: 800-255-3924
Outside US: +001-813-248-0585

1. Identification of the Substance/Preparation and Company/Undertaking

Product Manufacturer: ARCOR Epoxy Inc.
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Tel: 800-878-9593 / Fax: 888-878-9593
. E-mail: Tech@ArcorEpoxy.com / **www.ArcorEpoxy.Com**

Product Name: SPRAYTHANE FL Base
Product Number: N/A
Product Use: AMINE CURED 100% SOLIDS EPOXY / URETHANE TOPCOAT

2. Composition/Information on Ingredients

Composition/Information on ingredients:

	CAS Number	OSHA PEL	ACGIH TVL	OTHER
Bisphenol F Epoxy Resin	28064-14-4	Not established	Not established	
Blocked Polyisocyanate	Undisclosed	Not established	Not established	
Prepolymer (chemical I.D. trade secret of O.E.M.)		Not established	Not established	
DiGlycidyl Ether of Cyclohexane Dimethanol	144228-73-0			

3. Hazards Identification

Non-hazardous

4. First Aid Measures

Skin: Immediately remove with clean cloth, wash with soap and water. If irritation persists get medical advice.
Ingestion: **DO NOT INDUCE VOMITING**. Drink lots of water and consult physician immediately.
Inhalation: If symptoms occur move to fresh air and consult physician immediately.
Eyes: Flush with clean water for 15 minutes. Consult Physician if irritation persists.

5. Fire-Fighting Measures

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Water Spray
Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed
Unusual Fire and Explosion Hazards: Decomposition and combustion products may be hazardous.

6. Accidental Release Measures

Personal Precautions: Immediately contact emergency personnel. Use suitable protective equipment (section 8).
Environmental Precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Methods for Cleaning Up: Absorb with inert material e.g. earth or sand. Sweep into labeled containers. Flush area with detergent and water.
Waste Disposal: Dispose of in accordance with Federal, State & Local Regulations

7. Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage: Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources.

8. Exposure Controls/Personal Protection

Routes of Entry: Skin, Ingestion, Inhalation

Health Hazards

Skin: Dermal irritation; Eyes: Eye Irritation
Ingestion: Gastrointestinal Irritation
Inhalation: Respiratory Irritation

Signs and Symptoms of Exposure

Skin: Reddening, Swelling, Rash, Blistering, Scaling
Ingestion: Dizziness, Weakness
Inhalation: Burning in nose & throat, Chest pains
Eyes: Pain, tearing, Reddening, Swelling

Control Measures

Respiratory Protection: Not required in normal use. NIOSH respirator if spraying
Ventilation: When suitable natural ventilation is not available provide local exhaust ventilation especially when spraying.
Other Protective Measures: Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible. Do not wear contact lenses while handling.
Hygiene Practices: Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

9. Physical/Chemical Characteristics

Flash Point: 480 F PMCC
Flammable Limits: LEL: not available UEL: not available
Boiling Point: Not Applicable
Vapor Pressure: Not Applicable
Melting Point: Not Applicable
Vapor Density: Not Applicable
Specific Gravity: 1.65
Evaporation Rate: Negligible
Solubility in Water: Slight
Appearance & Odor: Gray Liquid, Mild odor

10. Stability and Reactivity Data

Stability: Stable
Stability Conditions To avoid: Not Applicable
Incompatibility (materials to avoid): Strong Oxidizing Agents, acids, bases
Hazardous Decomposition Products: Carbon Monoxide & Irritating Toxic Fumes
Hazardous Polymerization: Will not occur

11. Toxicological Information

Potential acute health effects

Skin: Irritating to skin. May cause sensitization by skin contact.
Eye contact: Irritating to eyes.
Ingestion: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Skin: Reddening, Swelling, Rash, Blistering, Scaling
Ingestion: Dizziness, Weakness
Inhalation: Burning in nose & throat, Chest pains

11. Toxicological Information (continued)

Eyes: Pain, tearing, Reddening, Swelling

Potential chronic health effects

Carcinogenicity: No carcinogenic effect.
Mutagenicity: No mutagenic effect.
Reproductive toxicity: No known significant effects or critical hazards.

12. Ecological Information

There is no data on the product itself. The following information is provided on the basis of the individual component data available. The product should not be allowed to enter soil, drains, sewers, ditches and waterways or be deposited where it can affect ground or surface waters. See also sections 5,6,7,9 and 13.

13. Disposal Considerations: Non-Hazardous. Dispose of in accordance with Federal, State & Local Regulations.

14. Transportation Information

* Non-Hazardous Material
* Unregulated
* Harmonized Code Base (Resin): 3907.30.0000

15. Regulatory Information

Other EU regulations

EU statistical classification: 39073000

US National Regulations

SARA 313 toxic chemical notification and release reporting: No products were found

16. Other Information

HMIS Rating Health (2); Flammability (1); Reactivity (0); Personal Protection (X)

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