



Material Safety Data Sheet ARCOR™ 8510 ACTIVATOR

Date of Issue: 02/2016

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: 8510 Activator
Product Number:
Product Use: AMINE CURED 100% SOLIDS EPOXY REBUILD

2. Composition/Information on Ingredients

Composition/Information on ingredients:

	CAS Number	OSHA PEL	ACGIH TVL	Composition %
Alkyl Amines	25620-58-0	Not established	Not established	20-50%
Alkyl Amines	107-15-3	10 ppm	Not established	5-12%
Benzyl Alcohol	100-51-6	Not established	Not established	<2%
Aminoethyl Piperazine	0000140-31-8	Not established	Not established	2-11%
Silicones, Siloxanes, reaction products w/ Silica	67762-90-7	Not established	Not established	3-12%

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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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 sanding, grinding.

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: 1.47

Evaporation Rate: Negligible

Solubility in Water: Slight

Appearance & Odor: Dark Gray/Black colored Viscous Liquid, Amine 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

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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: 02/2016

Date of Previous Issue: 4/2012

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™ 8510 BASE

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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: 8526 Base
Product Number:
Product Use: AMINE CURED 100% SOLIDS EPOXY REBUILD

2. Composition/Information on Ingredients

Composition/Information on ingredients:

	CAS Number	OSHA PEL	ACGIH TVL	Composition %
Epoxy Resin	025085-99-8	Not established	Not established	25-46%
Bisphenol A based Epoxy	068648-83-9	Not established	Not established	15-45%
Diglycidyl Ether of Cyclohexane Dimethanol	14228-73-0	Not established	Not established	4-10%
Ceramic Microspheres	66402-68-4	Not established	Not established	15-42%
Titanium Dioxide	13463-67-7	10 mg/m3 Total Dust	10 mg/m3 as Dust	5-10%
Silicones, Siloxanes, reaction products w/ Silica	67762-90-7	Not established	Not established	0.5-2%

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.

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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: 1.53

Evaporation Rate: Negligible

Solubility in Water: Slight

Appearance & Odor: Gray Paste, 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

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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

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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

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

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Date of Previous Issue: 04/2012

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