



**Safety Data Sheet**  
**ARCOR™ S-20 ACTIVATOR**

Date of Issue: 5/2015

**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](mailto:Tech@ArcorEpoxy.com) / [www.ArcorEpoxy.Com](http://www.ArcorEpoxy.Com)

**Product Name:** S-20 Activator  
**Product Number:** 12230  
**Product Use:** AMINE CURED 100% SOLIDS EPOXY TOPCOAT

**2. Composition/Information on Ingredients**

**Composition/Information on ingredients:**

	CAS Number	OSHA PEL	ACGIH TVL	OTHER
Modified Cycloaliphatic Polyamine				Not established
Amorphous Silica	112945-52-5		10 mg/m3	
Titanium Dioxide	13463-67-7		10 mg/m3	
Aluminum Oxide	1344-28-1		10 mg/m3	

**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.

# Safety Data Sheet

## ARCOR™ S-20 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

# Safety Data Sheet

## ARCOR™ S-20 ACTIVATOR

### 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:** 5/2015

**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.



## Safety Data Sheet ARCOR™ S-20 BASE

Date of Issue: 5/2015

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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](mailto:Tech@ArcorEpoxy.com) / [www.ArcorEpoxy.Com](http://www.ArcorEpoxy.Com)

**Product Name:** S-20 Base  
**Product Number:** 12230  
**Product Use:** AMINE CURED 100% SOLIDS EPOXY TOPCOAT

### 2. Composition/Information on Ingredients

#### Composition/Information on ingredients:

	CAS Number	OSHA PEL	ACGIH TVL	OTHER
Epoxy Resin	025085-99-8			Not established
Epoxy Resin	28064-14-4			
Aluminum Oxide	1344-28-1		10 mg/m3	

### 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

# Safety Data Sheet

## ARCOR™ S-20 BASE

### 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

# Safety Data Sheet

## ARCOR™ S-20 BASE

### 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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