

MSDS Material Safety Data Sheet

FIVE STAR PRODUCTS

CONTROL JOINT SEALER

MSDS Number: 11016

Revision Date: 2/26/09

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

FIVE STAR

750 COMMERCE DRIVE
FAIRFIELD, CT 06825

Contact: Technical Services

Telephone Number: 203-336-7900

FAX Number: 203-336-7930

E-Mail: info@fivestarpromducts.com

Web www.fivestarpromducts.com

Product Name: CONTROL JOINT SEALER
Revision Date: 2/26/09
MSDS Number: 11016
Common Name: Aminopropyldiethanolamine
Product Code: CONTROL JOINT SEALER
Chemical Family: Aminopropyldiethanolamine
Synonyms: Amines Liquid Corrosive

Emergency Telephone No.: CHEMTREC 1-800-424-9300 24 Hrs.

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes, Skin, Swallowing, Inhalation
Target Organs: None known.
Inhalation: May cause irritation to nose and throat.
Skin Contact: May cause irritation and dermatitis.
Eye Contact: May cause irritation, sensitization and may lead to eye damage.
Ingestion: May cause irritation of the mouth, stomach and sensitization.

HMIS II-ratings (scale 0-4): Health = 3, Fire = 1, Reactivity = 1

HMIS III-ratings (scale 0-4): Health = 3, Fire = 1, Physical Hazard = 1

NFPA-ratings (scale 0-4): Health = 3, Fire = 1, Reactivity = 1

	OSHA PEL	ACGUH TLV
COMPONENT A		
25068386	NE	NE
14807966	5 mg/m3	5 mg/m3
1317653	5 mg/m3	5 mg/m3
1314132	5 mg/m3	5 mg/m3
98555	NE	NE
COMPONENT B		
694837	NE	NE
143237	NE	NE
140318	NE	NE
100516	NE	NE
NE	NE	NE
90722	10 mg/m3	5 mg/m3

None of the remaining components are considered a hazardous material or carcinogen (1910.1200 Hazard Communication (d) 4).

MSDS **Material Safety Data Sheet**

FIVE STAR PRODUCTS

CONTROL JOINT SEALER

MSDS Number: 11016

Revision Date: 2/26/09

Page 2 of 5

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
COMPONENT A		
25068386	Base Epoxy Resin	>80%
14807966	Modified Bisphenol A	<10%
1317653	Talc	<10%
1314132	Coated Precipitated Calcium Carbonate	<10%
98555	Zinc Oxide	<10%
	Terpene Alcohol	<03%
COMPONENT B		
Trade Secret	Amine Blend containing one or more of the following:	
694837		<95%
143237		
140318		
100516		
NE		
90722	2,4,6-Tri(dimethylaminomethyl)phenol	<05%

4 FIRST AID MEASURES

Inhalation:	If respiratory irritation occurs, go to fresh air. Flood work area with fresh air. If irritation continues, seek medical attention.
Skin Contact:	Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritant persists, seek medical attention. SOLVENTS SHOULD NOT BE USED because they carry the irritant into the skin.
Eye Contact:	Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold eyelids open during the flush. Immediately seek medical attention.
Ingestion:	Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs.

5 FIRE FIGHTING MEASURES

Flash Point:	>200F
Flash Point Method:	Pensky Martens Closed Cup Method
Burning Rate:	No data available
Autoignition Temperature:	No data available
LEL:	NA
UEL:	NA

Special Fire Fighting Procedures: None. Avoid breathing smoke. NFPA Class B-C extinguisher (dry chemical or foam) for class 1C fires. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. Use fog nozzels if water is used. Use supplied breathing masks.

MSDS **Material Safety Data Sheet**

FIVE STAR PRODUCTS

CONTROL JOINT SEALER

MSDS Number: 11016

Revision Date: 2/26/09

Page 3 of 5

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Absorb with an inert material (sand, vermiculite, etc.). Sweep or scoop up and put into disposal containers. Flush area immediately with water (prevent water from entering waterways).

LARGE SPILLS:

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Clean-up: Absorb with an inert material (sand, vermiculite, etc.). Sweep or scoop up into disposal containers. Flush area immediately with water (prevent water from entering waterways).

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area or until clean-up has been completed.

7 HANDLING AND STORAGE

Handling Precautions:

For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with other mixtures (strong acids, bases and oxidizers). Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.

Storage Requirements:

Store in a cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flames.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Protective Equipment:

HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator

VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

PROTECTIVE CLOTHING/EQUIPMENT: Wear chemically protective gloves, boots, aprons to prevent prolonged or repeated skin contact. Wear protective goggles and face shield, per OSHA eye and face protection regulations (29 CFR 1910.133).

CONTAMINATED EQUIPMENT: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

OTHER PRECAUTIONS: Never eat, drink or smoke in work areas.

Exposure Guidelines/Other:

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

MSDS **Material Safety Data Sheet**

FIVE STAR PRODUCTS

CONTROL JOINT SEALER

MSDS Number: 11016

Revision Date: 2/26/09

Page 4 of 5

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A=Gray B=Amber	Boiling Point:	ND
Physical State:	A-Viscous Liquid B-Liquid	Freezing/Melting Pt.:	ND/NE
Odor:	A=Mild B=Distinctive Amine	Solubility:	Insoluble
pH:	ND	Spec Grav./Density:	A=1.19 B=0.97
Vapor Pressure:	NE		
Vapor Density:	(Air=1) >1		

VOC:	0
Evap. Rate:	Slower than Butyl Acetate
Viscosity:	Thin Gel
Percent Volatile:	0

CURED EPOXY RESINS ARE INNOCUOUS.

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Fires during curing process.
Materials to avoid (incompatibility):	Strong oxidizers, acids and bases.
Hazardous Decomposition products:	CO, CO ₂ , NO _x
Hazardous Polymerization:	None

11 TOXICOLOGICAL INFORMATION

No data available.

12 ECOLOGICAL INFORMATION

No data available.

13 DISPOSAL CONSIDERATIONS

When disposed of properly, this material does not meet RCRA classification or listing for hazardous waste. Never dispose of a liquid in a landfill. Spilled material should be stabilized or solidified prior to disposal. Once stabilized/solidified, the material may be disposed of through normal means. Certain localities and state laws have specific disposal requirements for non-hazardous industrial chemicals. Consult municipal authorities, landfill personnel, disposal companies for details prior to any disposal activity. Always follow local, state and federal regulations.

MSDS *Material Safety Data Sheet* **FIVE STAR PRODUCTS**

CONTROL JOINT SEALER

MSDS Number: 11016

Revision Date: 2/26/09

Page 5 of 5

14 TRANSPORT INFORMATION

DOT Class: Corrosive (8) #8

Shipping Name: Amines Liquid Corrosive, N.O.S. (aminopropyl diethanolamine) UN2735, Class 8 Corrosive, PGIII.

Placards required over 1000 lbs.

15 REGULATORY INFORMATION

This MSDS has been prepared in accordance with federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS Codes: Health(3) Flammability(1) Reactivity(1) PPE(H)

16 OTHER INFORMATION

The information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness, or as to the results or reliance of this product.

END OF MSDS DOCUMENT