

MATERIAL SAFETY DATA SHEET



Date Issued: 05/03/2009
 MSDS No: Sikafloor 700 ESD Part R
 Date-Revised: 05/17/2009
 Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Sikafloor 700 ESD Part R
PRODUCT CODE: Sikafloor 700 ESD Part R

MANUFACTURER

Sika Corporation, Operations
 www.sikacorp.com
 201 Polito Avenue
 Lyndhurst NJ 07071
Service Number: 201-933-8800
Alternate Customer Service: Fax: 201-804-1076

SUPPLIER

Sika Corporation, Construction
 www.sikaconstruction.com
 201 Polito Avenue
 Lyndhurst NJ 07071
Product Stewardship: 201-933-8800

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300
CHEMTREC (International) :(703) 527 - 3887

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Blue Liquid

IMMEDIATE CONCERNS: CAUTION! May cause eye, skin, and respiratory tract irritation; May cause allergic skin reaction.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause irritation and sensitization of the skin.

INGESTION: Will cause illness

INHALATION: May cause irritation of the respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY: This product contains an ingredients designated IARC as probable human carcinogens:
 Crystalline Silica

MEDICAL CONDITIONS AGGRAVATED: Individuals who are sensitized to isocyanates and those with asthma, respiratory disorder, skin allergies, and eczema.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Modified Epoxy Resin	60 - 90	Mixture	N/A
Tin Antimony Oxide	5 - 15	68187-54-2	269-105-9
MICA	5 - 10	12001-26-2	N/A
Silica, crystalline	5 - 10	14808-60-7	238-878-4
Hydrocarbon resin	5 - 10	25155-81-1	N/A

COMMENTS: The criteria for listing components in the composition section are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater; non-hazardous components are not listed. This is not intended to be complete compositional disclosure. Refer to section 15 for applicable states right to know and other regulatory information.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Get medical attention.

SKIN: Wash with soap and water. If irritation persists see a physician.

INGESTION: Seek medical attention if large amounts are swallowed.

INHALATION: Remove to fresh air away from further exposure provide oxygen if breathing is difficult. Keep warm and at rest. If cough or other symptoms develop, seek medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (230°F) Penskey-Marten CC

EXTINGUISHING MEDIA: Dry Chemical, Foam, Carbon Dioxide (CO₂), Water Spray

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with inert material. Clean up and dispose of at an appropriate waste disposal facility.

LARGE SPILL: Evacuate Area. Absorb with inert material. Clean up spill and dispose of at an approved disposal facility.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep product in original container. Store in cool, dry well ventilated area.

HANDLING: Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Tin Antimony Oxide	TWA	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
MICA	TWA	N.E.	2.5 mg/m ³	N.E.	N.E.	N.E.	N.E.
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
Silica, crystalline	TWA	N.E. ^[1]	(0.1) mg/m ³ ^[1]	N.E. ^[2]	0.05 mg/m ³ ^[2]	N.E.	N.E.
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
Hydrocarbon resin	TWA	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
OSHA TABLE COMMENTS:							
1. 8 hours Form: Respirable dust							
2. 8 hours. Form: Respirable fraction							

ENGINEERING CONTROLS: Good industrial hygiene practice dictates that worker protection should be achieved through engineering controls, such as ventilation, whenever feasible. When such controls are not feasible to achieve full protection, the use of respirators and other personal protective equipment is mandated. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: Wear chemical resistant (impervious) gloves.

RESPIRATORY: Organic chemical cartridge respirator, if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Epoxy

APPEARANCE: Blue Liquid

VAPOR DENSITY: Heavier than air

FLASHPOINT AND METHOD: (230°F) Penskey-Martens CC

SOLUBILITY IN WATER: Partially Soluble

EVAPORATION RATE: Is slower than Butyl Acetate

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: The product is stable under normal ambient conditions of temperature and pressure.

CONDITIONS TO AVOID: Excessive heat, open flames, sparks.

INCOMPATIBLE MATERIALS: Strong acids, bases, oxidizing agents, mercaptans, and amines under uncontrolled conditions.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause irritation to the eyes.

SKIN EFFECTS: This material may cause sensitization and irritation to the skin.

CARCINOGENICITY

IARC: The agents (mixture) is possible carcinogen to humans. The exposure circumstances entails exposures that are possibly carcinogen to humans:
Crystalline Silicate (respirable form)

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of according to all federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All intentional ingredients are listed on the TSCA Inventory.

INTERNATIONAL REGULATIONS:

EINECS Inventory Status:

This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).

Canadian Inventory Status:

This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

Australian Inventory Status:

This product, or its components, are listed on or are exempt from the Australian Inventory of Chemical Substances (AICS).

GENERAL COMMENTS:

EU Additional Classification

Symbol of Danger: Xi (Irritant)

R: 36/38 Irritating to eyes and skin.

R: 43 May cause sensitization by skin contact.

S: 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

TITLE: MSDS Coordinator

REVISION SUMMARY: Revision #: 1. This MSDS replaces the May 03, 2009 MSDS.

HMIS RATING

HEALTH:	2
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	G

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