

MATERIAL SAFETY DATA SHEET



Date Issued: 04/30/2009
 MSDS No: Sikafloor 200 ESD Part R
 Date-Revised: 05/17/2009
 Revision No: 2

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: Resin

PRODUCT DESCRIPTION: Sikafloor 200 ESD / Sikafloor 200C ESD Part R

PRODUCT CODE: Sikafloor 200 ESD/ Sikafloor 200C 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: Gray Liquid

IMMEDIATE CONCERNS: Caution: Primary health risk is from prolonged overexposure to organic solvents. Solvent content amount and TLV should be noted for this product to help determine overall degree of risk. Acute: Possible irritation of respiratory system causing a variety of symptoms such as dryness of the throat, tightness of the chest, and shortness of breath. Anesthetic, skin irritant, eye irritant. Chronic: May cause dermatitis, may cause liver or kidney damage, repeated or prolonged solvent overexposure may result in permanent central nervous system damage. May cause long term respiratory damage. Material contains greater than 0.1% crystalline silica and is therefore classified as a possible carcinogen. Primary health risk of crystalline silica is from prolonged excessive exposure to respirable dust. Such conditions are not expected to occur during the intended use of this formulated product.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: May cause moderate irritation to the skin.

INGESTION: Ingestion is not expected to be an important route into the body.

INHALATION: May cause respiratory sensitization or asthma in susceptible individuals. Excessive exposure may cause irritation to upper respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: Chronic: May cause dermatitis, may cause liver or kidney damage, repeated or prolonged solvent overexposure may result in permanent central nervous system damage. May cause long term respiratory damage. Material contains greater than 0.1% crystalline silica and is therefore classified as a possible carcinogen. Primary health risk of crystalline silica is from prolonged excessive exposure to respirable dust. Such conditions are not expected to occur during the intended use of this formulated product.

MEDICAL CONDITIONS AGGRAVATED: Respiratory allergies. Chronic diseases of the skin, nose, throat, and respiratory tract, central nervous system, liver or kidney, heart, eyes, and gastrointestinal tract.

TARGET ORGAN STATEMENT:

Eyes
Respiratory System
Skin

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
Benzyl alcohol	0 - 5	100-51-6	202-859-9

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: Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Seek medical attention. Wash contaminated clothing and shoes before reuse.

INGESTION: Give 3-4 glasses of milk (if not available, give water), but DO NOT induce vomiting.. If vomiting occurs, give fluids again. Get medical attention whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

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: (210°F)

EXTINGUISHING MEDIA: Dry Chemical, Foam or Carbon Dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure demand (MSHA/NIOSH approved or equivalent) and full protective gear. Toxic vapors may evolve. Fight fires from a safe distance or protected areas. Use of large volumes of water may produce run-off that could be toxic to wildlife and/or pose a hazardous waste disposal issue. Water may not be effective for large fires.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

HANDLING: Avoid breathing of vapors. Handle in well-ventilated workspace. When handling, do not eat, drink, or smoke. Avoid contact with skin.

STORAGE: Keep container tightly closed. Keep container in a cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
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.
Benzyl alcohol	TWA	N.E. ^[3]	N.E. ^[3]	N.E. ^[3]	N.E. ^[3]	N.E. ^[3]	N.E. ^[3]
	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 3. N.E. = None Established							

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: To prevent any contact, wear impervious compatible chemical resistant protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Full-Face supplied-air respirators (SAR) are required in work environments where isocyanate airborne concentrations have not been characterized or are expected to exhibit considerable and sudden variations such as in spray type applications.

PROTECTIVE CLOTHING: Normal work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Baby Powder

APPEARANCE: Gray Liquid

VAPOR DENSITY: Heavier than air

FLASHPOINT AND METHOD: (210°F)

SOLUBILITY IN WATER: Negligible

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. Avoid contact with strong minerals acids and strong organic acids.

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 irritation to the skin.

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Benzyl alcohol	Not Listed	Not Listed	Not Listed

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

Crystalline Silicate (respirable form)

NTP: Respirable crystalline silica has been listed in the sixth Annual Report on Carcinogens.

SENSITIZATION: May be sensitizing to respiratory system and skin.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Crystalline silica (quartz) is not known to be ecotoxic; i.e., there is no data which suggests that crystalline silica (quartz) is toxic to birds, fish, invertibrates, microorganisms or plants.

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

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

CALIFORNIA PROPOSITION 65: Crystalline silica (quartz) is classified as a substance known to the State of California to be a carcinogen.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): This product and/or its components are list on DSL.

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 Risk and Safety Phrases:

Symbol of Danger: Xi(Irritant), Xn(Harmful)

R 20/22 Harmful by inhalation and if swallowed

R 10 Flammable

R 36 Irritating to eyes.

S 2 Keep out of reach of children.

S 24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

TITLE: MSDS Coordinator

REVISION SUMMARY: Revision #: 2. This MSDS replaces the May 17, 2009 MSDS.

HMIS RATING

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

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