

MATERIAL SAFETY DATA SHEET



Date Issued: 04/30/2009

MSDS No: Sikafloor 200 ESD Flow Additive

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: Flow Additive

PRODUCT DESCRIPTION: Sikafloor 200 ESD/ Sikafloor 200C ESD Flow Additive

PRODUCT CODE: Sikafloor 200 ESD/Sikafloor 200C ESD Flow Additive

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: Amber Liquid

IMMEDIATE CONCERNS: Causes eye irritations- is a severe eye irritant. Exposure to vapors may cause headache, dizziness, and nausea over-exposure may cause central nervous system. Depression may cause skin irritation. Harmful if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: May cause significant irritation to the eyes.

SKIN: May cause skin irritation. Symptoms include: itching and redness after contact.

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

INHALATION: Exposure to vapors may cause headache, dizziness, and nausea over-exposure may cause central nervous system depression.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: No long-term chronic effects or carcinogenicity data are known or available on this product.

TARGET ORGAN STATEMENT:

Eyes
Respiratory System
Skin

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Benzyl alcohol	40 - 45	100-51-6	202-859-9
Polyamine amide salt	40 - 45	N/A	N/A
Aromatic Petroleum Naphtha	5 - 10	64742-95-6	265-199-0

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: 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: Do not induce vomiting; contains petroleum distillates and/or aromatic solvents.

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: (213°F)

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

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.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition and combustion products may be toxic. Under stagnant air conditions, vapors may build up and travel along the ground to an ignition source which may result in a flash back to the source of the vapors.

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.

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
Benzyl alcohol	TWA	N.E. [1]	N.E. [1]	N.E. [1]	N.E. [1]	N.E. [1]	N.E. [1]
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
Polyamine amide salt	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.
Aromatic Petroleum Naphtha	TWA	100 ppm		100 ppm			
	STEL	150 ppm					
OSHA TABLE COMMENTS:							
1. 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: When handling liquid product, chemical goggles should be worn. Chemical safety goggles in combination with a full face shield if a splash hazard exists.

SKIN: Gloves

RESPIRATORY: Use NIOSH approved equipment. Appropriate respiratory protection for respirable particulates is based on consideration of airborne workplace concentrations and duration of exposure arising from the intended end use. Please refer to the most recent standards of ANSI(Z88.22), OSHA (29CFR 1910.134, MSHA (30 CFR Parts 56 &57), and NIOSH RDL. If you are unsure as to the type of respirator to be used please consult your employer.

PROTECTIVE CLOTHING: Normal work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Negligible

APPEARANCE: Amber Liquid

VAPOR DENSITY: Heavier than air

FLASHPOINT AND METHOD: (213°F)

SOLUBILITY IN WATER: Partially Soluble

EVAPORATION RATE: Is slower than Butyl Acetate

DENSITY: 8.6

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: Heat, flames, ignition source and incompatibles

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide and incomplete oxidation products.

INCOMPATIBLE MATERIALS: Strong oxidizers, this product contains trimethylol propane and should not be combined with phosphorus-containing materials because highly toxic fumes can be emitted in a fire situation.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	INHALATION LC ₅₀ (rat)
Aromatic Petroleum Naphtha	4.7 g/kg	> 3370 ppm/8hrs(rat)

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

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

CHRONIC: Primary health risk from prolonged overexposure to organic solvent. Solvent content amount and TLV should be noted for this product to help determine overall degree of risk. 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.

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Benzyl alcohol	Not Listed	Not Listed	Not Listed
Polyamine amide salt	Not Listed	Not Listed	Not Listed

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

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

ACUTE: Yes **CHRONIC:** Yes

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

CALIFORNIA PROPOSITION 65: (component (s) know to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"): None

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 Harmful by inhalation

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 42/43 May cause sensitization by inhalation and skin contact.

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: New MSDS

HMIS RATING

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

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