

MATERIAL SAFETY DATA SHEET



Date Issued: 05/03/2009

MSDS No: Sikafloor 422 ESD/ 422C ESD ColorAdd

Date-Revised: 05/17/2009

Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Sikafloor 422 ESD/ Sikafloor 422C ESD ColorAdd

PRODUCT CODE: Sikafloor 422 ESD/ Sikafloor 422C ESD ColorAdd

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: Colored Liquid

POTENTIAL HEALTH EFFECTS

EYES: May cause delayed eye irritation. May cause moderate eye irritation.

SKIN: May cause moderate irritation to the skin.

INGESTION: Ingestion may cause nausea, vomiting and diarrhea.

INHALATION: May cause irritation of the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED: Any respiratory or skin conditions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS	Classification
Titanium dioxide	2 - 60	13463-67-7	236-675-5	
1,2-Propanediol	0 - 30	57-55-6	200-338-0	
Carbon black	0 - 15	1333-86-4	215-609-9	
Dipropylene glycol methyl ether	0 - 10	34590-94-8	252-104-2	
Talc	0 - 10	14807-96-6	238-877-9	38,43
Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-	0 - 10	25322-68-3	203-473-3	

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: Hold eyelids apart and flush thoroughly with water for 15 minutes

SKIN: Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water.

INGESTION: Do not induce vomiting. Dilute with water. Contact physician.

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.

ADDITIONAL INFORMATION:

In all cases contact a physician immediately if symptoms persist.

COMMENTS: In all cases, if symptoms develop, consult a physician.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (240°F) TCC/PM

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

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

FIRE FIGHTING PROCEDURES: Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

SENSITIVITY TO IMPACT: No

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		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Titanium dioxide	TWA	N.E. [1]	15 mg/m ³ [1]	N.E.	10 mg/m ³	N.E.	N.E.
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
Carbon black	TWA	N.E.	3.5	N.E.	3.5	N.E.	N.E.
	STEL	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
Dipropylene glycol methyl ether	TWA	100 ppm	N.E.	100 ppm	N.E.	N.E.	N.E.
	STEL	N.E.	N.E.	150 ppm	N.E.	N.E.	N.E.
Talc	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. 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.

PROTECTIVE CLOTHING: There is no special protective clothing necessary.

WORK HYGIENIC PRACTICES: Good personal hygiene practices should always be followed.

COMMENTS: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Colored Liquid

pH: Not yet Determined

BOILING POINT: (212°F)

FLASHPOINT AND METHOD: (240°F) TCC/PM

EVAPORATION RATE: 1

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

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

POLYMERIZATION: None anticipated

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and Carbon Dioxide

INCOMPATIBLE MATERIALS: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Dipropylene glycol methyl ether	5200 mg/Kg (Rat)	9500 mg/kg	> 500 ppm/7 hr (Rat)

CARCINOGENICITY

Chemical Name	IARC Status
Titanium dioxide	3
Carbon black	2B

IARC:

The agent (mixture) is possibly carcinogenic to humans. The exposure circumstance entails exposures that are possibly carcinogenic to humans: Carbon Black 2B
NTP: Not listed by NTP

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not available at this time.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method. Empty containers must be handled with care due to the product residue. To meet regulatory criteria, the container is considered empty when less than 3% remains in the container. Additional special handling is not typically required and the empty container can be discarded with other non-hazardous waste.

FOR LARGE SPILLS:

In case of spill, eliminate all ignition and heat sources. Ventilate area. Open doors and windows. Wear chemical resistant gloves/goggles/clothing. In absence of proper ventilation use properly fitted NIOSH respirator. Confine spill, collect using noncombustible absorbent material and place in properly sealed container. Dispose of excess product in accordance with applicable local, state and federal 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**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-	25322-68-3

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., Any changes in information are as follows: In Section 4: Firstaid - Eyes, Firstaid - Skin, Firstaid - Ingestion, Additional Information In Section 13: For Large Spills

HMIS RATING

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

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