

MATERIAL SAFETY DATA SHEET



Date Issued: 08/19/2008
 MSDS No: Sikafloor 225-R
 Date-Revised: 09/16/2008
 Revision No: 2

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: Resin
PRODUCT DESCRIPTION: UV Resistant Epoxy Topcoat Resin
PRODUCT CODE: Sikafloor 225-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: Straw colored liquid
IMMEDIATE CONCERNS: CAUTION! May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS

EYES: Mild transient irritation. No corneal injury likely.
SKIN: Prolonged or repeated skin contact may result in irritation, sensitization and dermatitis.
SKIN ABSORPTION: A single prolonged exposure may result in the material being absorbed in harmful amounts. The LD50 for skin absorption in rabbits is 20,000 mg/kg.
INGESTION: Low acute oral toxicity; LD50 (rat) greater than 4000 mg/kg. No hazards anticipated from ingestion incidental to industrial exposure.
INHALATION: Vapors are unlikely due to physical properties. Not a problem unless heated to high temperatures.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Modified Epoxy Resin	60 - 100	Mixture	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: Low in toxicity. No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: If inhaled and irritation occurs, move victim to fresh air. If irritation persists, call a physician. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (245°F) Penskey-Marten CC

EXTINGUISHING MEDIA: Foam, Carbon dioxide, Dry chemical

FIRE FIGHTING EQUIPMENT: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

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.

STORAGE: Store in a cool, dry place. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Faint epoxy odor

APPEARANCE: straw colored liquid

FLASHPOINT AND METHOD: (245°F) Penskey-Marten CC

SOLUBILITY IN WATER: None

SPECIFIC GRAVITY: 1.010 to 1.03

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

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

POLYMERIZATION: Will not occur by itself but masses more than 1 pound of product plus aliphatic amine will cause irreversible polymerization with considerable heat buildup.

CONDITIONS TO AVOID: Excessive heat over long periods of time degrades the resin.

INCOMPATIBLE MATERIALS: Base

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.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No ecological testing has been conducted on this product.

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:** No **CHRONIC:** No

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

EUROPEAN COMMUNITY

EUROPEAN COMMUNITY REGULATORY:

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

REVISION SUMMARY: Revision #: 2 This MSDS replaces the August 20, 2008 MSDS. Any changes in information are as follows:

HMIS RATING

HEALTH:	1
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	C

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