

MATERIAL SAFETY DATA SHEET



Date Issued: 02/02/2009
 MSDS No: Sikafloor 13 Pronto
 Date-Revised: 02/04/2009
 Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Low Viscosity Primer
PRODUCT CODE: Sikafloor 13 Pronto

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 :(800) 424-9300
INTERNATIONAL :(703) 527-3887

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Low viscosity, high turbid liquid with a sweet ester odor. Flammable liquid and vapor. May be ignited by heat, sparks or flame. Vapors may travel to source of ignition and flash back. May cause irritation to the eyes, skin and respiratory tract. When heated, formation of explosive vapor/air mixtures. Danger of bursting of closed system due to vigorous exothermic polymerization. Avoid uncontrolled polymerization. Container may explode if heated.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause irritation and sensitization of the skin.

SKIN ABSORPTION: Not expected to be absorbed through the skin in toxic amounts. In case of contact, flush skin with soap and water.

INGESTION: Expected to be slightly toxic by ingestion.

INHALATION: Vapors may be irritating to the upper respiratory tract (including the nasal area) and eyes. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. **Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.**

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: This product is not regulated as a carcinogen. No long-term chronic effects or carcinogenicity are known or available on this product.

MEDICAL CONDITIONS AGGRAVATED: Conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Methyl methacrylate	60 - 80	80-62-6	201-297-1
Proprietary Acrylic Polymer	10 - 25	N/A	N/A
Methacrylic acid ester	2 - 6	N/A	N/A
Proprietary ester diluents	2 - 6	N/A	N/A
Substituted Tertiary Amine	0 - 4	N/A	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: Expected to be slightly toxic by ingestion. If swallowed, call a physician immediately.

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: 9°C (48°F) SETA Flash Tester CC

AUTOIGNITION TEMPERATURE: 430°C (806°F)

FLAMMABLE CLASS: Flammable Liquid

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

EXPLOSION HAZARDS: Vapor is heavier than air and forms explosive mixtures with air. Never use welding or cutting torches on or near containers or drums (even when empty). Product residue or vapor in drums or container can ignite explosively. Cool warm or bulging containers to ambient temperatures with water from a safe distance. Then wear eye and face protection and protective clothing while carefully opening to vent pressure.

FIRE FIGHTING PROCEDURES: Evacuate enclosed and surrounding areas. If smoke and fumes cannot be avoided, use proximity suits and self-contained breathing apparatus. Use water spray to cool containers and disperse vapors. Keep spills away from source of ignition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with an inert material. Use non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal.

LARGE SPILL: 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 materials and place in properly sealed container. Dispose of excess product in accordance with applicable local, state, and federal regulations.

7. HANDLING AND STORAGE

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

HANDLING: Product is supplied in a stabilized form. Stir well before decanting from drum. Open container carefully as it may be pressurized. Use portable ventilation if necessary at job site. Ground containers when pouring or transferring and keep closed when not in use. Use explosion-proof equipment. Do not eat, drink, smoke, or chew tobacco around material.

STORAGE: Store only in original container in a cool, dry well-ventilated area away from sources of ignition. Limit storage of flammable liquids to approved areas equipped with overhead sprinklers. Do not smoke in the vicinity of material. Keep storage containers from direct sunlight. Protect material from contamination. Keep containers tightly closed when not in use.

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
Methyl methacrylate	TWA	100 ppm	NL	100 ppm	NL	NL	NL
	STEL	NL	NL mg/m ³	NL	NL mg/m ³	NL	NL mg/m ³

ENGINEERING CONTROLS: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: If repeated or prolonged skin contact or contamination is likely, protective clothing should be worn.

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

pH: Not Available

VAPOR PRESSURE: 37.8 mmHg at (68°F)

VAPOR DENSITY: Heavier than air

BOILING POINT: 100°C (212°F)

MELTING POINT: (-54°F)

FLASHPOINT AND METHOD: 9°C (48°F) SETA Flash Tester CC

SOLUBILITY IN WATER: 16.0 g/l

EVAPORATION RATE: >1 (Butyl Acetate =1)

DENSITY: 8.16 lbs/gal at (68°F) 0.98 g/cc at (68°F)

SPECIFIC GRAVITY: 0.970

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 and ignition sources, aging, contamination, oxygen free atmosphere.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization may occur when exposed to excessive heat or contaminated with incompatibles.

INCOMPATIBLE MATERIALS: Peroxides, amines, sulfur compounds, heavy metal ions and alkalis, reducing agents and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 9400 mg/kg (rabbit)

Notes: methyl methacrylate

ORAL LD₅₀: Methyl Methacrylate LD50-oral 7872 mg/kg, Rat

Proprietary Ester Diluent LD50-oral 3700 mg/kg, Rat

Substituted Tertiary Amine LD50-oral 100 mg/kg, Rat

INHALATION LC₅₀: 29.5 mg/l/4 hr,rat

CARCINOGENICITY

IARC: Listed by IARC - No

NTP: Listed by NTP - No

OSHA: Listed by OSHA - No

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: Resin Solution

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1866

PACKING GROUP: II

NAERG: 127

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Resin Solution

HAZARD CLASS: 3

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Resin Solution

UN/NA NUMBER: 1866

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

ERG: 127

VESSEL (IMO/IMDG)

SHIPPING NAME: Resin Solution

UN/NA NUMBER: 1866

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Resin Solution

UN/NA NUMBER: 1866

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

CANUTEC GUIDE: 127

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: Listed on inventory: Yes

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class B, Div.2

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) F(Flammable)

R: 10: Flammable

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

S: 3/7 Keep containers tightly closed in a cool place.

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 February 02, 2009 MSDS., Any changes in information are as follows: In Section 2: Potential Health Effects - InhalationIn Section 6: Large Spill

HMIS RATING

HEALTH:	2
FLAMMABILITY:	3
PHYSICAL HAZARD:	2
PERSONAL PROTECTION:	G

ADDITIONAL MSDS INFORMATION: For Industrial Use only!

Keep out of reach of children!

Threshold odor limit of this product is less than 1PPM

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