



MATERIAL SAFETY DATA SHEET

Sikaflex 255-FC



HMIS

HEALTH	*2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	C

1. Product And Company Identification

Supplier

Sika Corporation
30800 Stephenson Highway
Madison Heights, MI 48071 U.S.A.

Company Contact: EHS Department
Telephone Number: 201-933-8800
FAX Number: 201-933-9379
Web Site: www.sikaindustry.com

Manufacturer

Sika Corporation
30800 Stephenson Highway
Madison Heights, MI 48071 U.S.A.

Company Contact: EHS Department
Telephone Number: 201-933-8800
FAX Number: 201-933-9379
Web Site: www.sikaindustry.com

Supplier Emergency Contacts & Phone Number

CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Manufacturer Emergency Contacts & Phone Number

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Issue Date: 04/13/2005

Product Name: Sikaflex 255-FC
CAS Number: Not Established
Chemical Family: POLYURETHANE
MSDS Number: 3571
Product Code: NO. 256-543

Synonyms

NO. 256-543

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
METHYLENE BISPHENYL ISOCYANATE	101-68-8	0.6 - 1
XYLENE (MIXED ISOMERS)	1330-20-7	1 - 5

3. Hazards Identification

Eye Hazards

Causes eye irritation.

Skin Hazards

May cause skin irritation. May cause skin sensitization.

Ingestion Hazards

May be harmful if swallowed.

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3. Hazards Identification - Continued

Inhalation Hazards

May cause nose, throat, and lung irritation. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney, and Central Nervous System damage. Headaches and dizziness may result.

4. First Aid Measures

Eye

RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

Skin

WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

Ingestion

DILUTE WITH WATER. CONTACT PHYSICIAN.

Inhalation

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

5. Fire Fighting Measures

Flash Point: 180 °F

Autoignition Point: N/AV °F

Flammability Class: IIIA

Lower Explosive Limit: N/AV

Upper Explosive Limit: N/AV

Fire And Explosion Hazards

DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND AEROSOLS FROM THE DECOMPOSITION/COMBUSTION PRODUCTS MAY BE PRESENT.

Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

AVOID CONTACT. VENTILATE AREA. REMOVE PHYSICALLY AND PLACE IN SUITABLE CONTAINERS.

7. Handling And Storage

Handling And Storage Precautions

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STORE IN TIGHTLY CLOSED CONTAINER AND PROTECT FROM MOISTURE AND FOREIGN MATERIAL. STORAGE TEMPERATURE 32F MINIMUM - 122F MAXIMUM. IF CLOSED CONTAINER OF MATERIAL IS EXPOSED TO HEAT, PRESSURE CAN BUILD UP. IF MOISTURE ENTERS DRUM, PRESSURE BUILD UP DUE TO REACTION. AT MAXIMUM STORAGE TEMPERATURE NOTED, MATERIAL MAY POLYMERIZE WITHOUT HAZARD. IDEAL STORAGE TEMPERATURE IS 50-81F.

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

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8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS. CHEMICAL RESISTANT GLOVES.

Respiratory Protection

In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

Other/General Protection

WASH THOROUGHLY AFTER HANDLING.

Ingredient(s) - Exposure Limits

METHYLENE BISPHENYL ISOCYANATE

ACGIH TLV-TWA 0.005 ppm

OSHA PEL-CEILING 0.02 ppm

XYLENE (MIXED ISOMERS)

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

9. Physical And Chemical Properties

Appearance

BLACK PASTE

Odor

AROMATIC

Chemical Type: Mixture

Physical State: Solid

Melting Point: N/AV °F

Boiling Point: N/AV °F

Specific Gravity: 1.19

Percent Volatiles: 5.3%

Percent VOCs: 5.30

Packing Density: 10.1 #/GAL

Vapor Pressure: N/AV

Vapor Density: N/AV

Solubility: INSOLUBLE

Evaporation Rate: SLOWER THAN ETHER

V.O.C. content - 64.143 g/l 0.535 lbs/gal

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

OPEN FLAME

Incompatible Materials

WATER, ALCOHOL, AMINES

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10. Stability And Reactivity - Continued

Hazardous Decomposition Products

CO, CO₂, OXIDES OF NITROGEN

Conditions To Avoid (Polymerization)

NONE KNOWN

11. Toxicological Information

Miscellaneous Toxicological Information

OVEREXPOSURE TO XYLENE MAY CAUSE KIDNEY AND/OR LIVER EFFECTS.

Conditions Aggravated By Exposure

EYE DISEASE, SKIN DISORDERS AND ALLERGIES, CHRONIC RESPIRATORY CONDITIONS

Ingredient(s) - Carginogenicity

METHYLENE BISPHENYL ISOCYANATE
Listed In The IARC Monographs

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

NOT REGULATED PER D.O.T.

15. Regulatory Information

U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard
Chronic Health Hazard

SARA Title III - Section 313 Supplier Notification

This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

METHYLENE BISPHENYL ISOCYANATE (101-68-8) 0.6 - 1 %
XYLENE (MIXED ISOMERS) (1330-20-7) 1 - 5 %

This information must be included on all MSDSs that are copied and distributed for this material.

SARA Section 313 Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

Ingredient(s) - U.S. Regulatory Information

METHYLENE BISPHENYL ISOCYANATE
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
SARA - Acute Health Hazard

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15. Regulatory Information - Continued

Ingredient(s) - U.S. Regulatory Information - Continued

SARA - Chronic Health Hazard
XYLENE (MIXED ISOMERS)
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
SARA - Acute Health Hazard
SARA - Chronic Health Hazard
SARA - Fire Hazard

Ingredient(s) - State Regulations

METHYLENE BISPHENYL ISOCYANATE
New Jersey - Workplace Hazard
New Jersey - Environmental Hazard
Pennsylvania - Workplace Hazard
Massachusetts - Hazardous Substance
New York City - Hazardous Substance
XYLENE (MIXED ISOMERS)
New Jersey - Workplace Hazard
New Jersey - Environmental Hazard
New Jersey - Special Hazard
Pennsylvania - Workplace Hazard
Pennsylvania - Environmental Hazard
Massachusetts - Hazardous Substance
New York City - Hazardous Substance

16. Other Information

HMIS Rating

Health: *2

Fire: 1

Reactivity: 0

PPE: C

Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 201-933-8800

This MSDS Supersedes A Previous MSDS Dated: 08/21/2001

Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Sika believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

Sika Corp.