



Sika Corporation

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product Name: SIKAFLOOR 422 HARDENER
Product Use: Paint product.
Print date: 09/Dec/2008
Revision Date: 09/Dec/2008

Company Identification

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Manufacturer's Phone: 1-201-933-8800

24-Hour Medical Emergency Phone -888-345-5732
CHEMTREC - In US: 1-800-424-9333; International: 703-527-3887

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
28182-81-2	45 - 50	HOMOPOLYMER OF 1, 6 HEXAMETHYLENE DIISOCYANATE

If this section is blank there are no hazardous components per OSHA guidelines.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Emergency Overview:

This section not in use.

This product contains ingredients that may contribute to the following potential acute health effects:

Inhalation Effects:

May cause respiratory tract sensitization. May cause irritation.

Eye Contact:

May cause moderate eye irritation.

Skin Contact:

Contains a component which is a known or suspected skin sensitizer. May cause skin irritation.

Acute Ingestion:

May be harmful if swallowed

Other Effects:

None known

This product contains ingredients that may contribute to the following potential chronic health effects:

Overexposure may cause allergic respiratory reaction. Effects may be permanent. Overexposures may cause certain individuals to develop isocyanate sensitization which causes a reaction in isocyanates below the TLV. Chronic overexposure to isocyanates may cause lung damage which may be permanent. Possible sensitization.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

4. FIRST AID MEASURES**Inhalation:**

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

Eye Contact:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact:

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention.

Ingestion:

If swallowed, get medical attention immediately.

Medical conditions aggravated by exposure: Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	400° F (204° C) TCC/PM
Lower explosive limit:	Not available. %
Upper explosive limit:	Not available. %
Autoignition temperature:	Not available. ° F (° C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:

None known.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES**Action to be taken if material is released or spilled:**

Avoid all personal contact.

7. HANDLING AND STORAGE

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Precautions to be taken in handling and storage:

Keep container closed when not in use.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:

Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

Skin protection:

Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin areas.

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Required when spraying or applying in confined area.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

ACGIH Threshold Limit Value (TLV's)

If this section is blank, no information is available.

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	Not determined. mmHG @ 68° F (20° C)
Vapor density (air = 1.0):	Not determined.
Boiling point:	Not available. ° F (No information available° C)
Solubility in water:	Insoluble.
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	9.57
Specific Gravity	1.15
Evaporation rate (butyl acetate = 1.0):	Not determined.

10. STABILITY AND REACTIVITY

Stability	unstable
Conditions to Avoid:	Heat. Heat or contact with peroxides or other catalysts.
Incompatibility:	None known.
Hazardous Polymerization:	May occur.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Nitrogen compounds.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

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Mutagens:

Teratogens:

Carcinogens:

If this section is blank, no information is available.

12. ECOLOGICAL DATA

Not available at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name: PAINT, NOT REGULATED

UN ID Number: NRPAIN

49 CFR Hazardous Material Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49 CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Proper Shipping Name: PAINT, NOT REGULATED

UN ID Number: NRPAIN

International Maritime Organization:

Proper Shipping Name: PAINT, NOT REGULATED

Non-Bulk UN ID Number: NRPAIN

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA 311/312 Hazard Class:

Acute: Yes

Chronic: Yes

Flammability: No

Reactivity: No

Sudden Pressure: No

U.S. STATE REGULATIONS:

Additional Non-Hazardous Materials

HEXAMETHYLENE-DIISOCYANATE DIMER

23501-81-7

Rule 66 status of product

Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	1*
Flammability:	1
Reactivity:	2
PPE:	C

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:

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