Material Safety Data Sheet

ITW Performance Polymers - Versachem

MEGA BLACK SILICONE

This product appears in the following stock number(s):
99839, 99849

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: MEGA BLACK SILICONE
General use: When cured, these products are not hazardous. They cure by reacting with atmospheric moisture to slowly give off butanone oxime. Butanone oxime can be an irritant.
Chemical family: Elastomeric rubber

MANUFACTURER
ITW Performance Polymers - Versachem
2107 West Blue Heron Blvd.
Riviera Beach, FL 33404

EMERGENCY INFORMATION
Emergency telephone number
(CHEMTREC): (800) 424-9300
(CHEMTREC International): 703-527-3887
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Abbr.	Weight Percent	ACGIH TLV:	OSHA PEL:	Other Limits
VINYL OXIMINOSILANE 2224-33-1	n/e	<10	n/e	n/e	n/e
OXIMINOSILANE 34206-40-1	n/e	<5	n/e	n/e	n/e
STEARIC ACID 57-11-4	n/e	<5	n/e	n/e	n/e
CARBON BLACK 1333-86-4	n/e	<1	3.5 mg/m^3 TWA	3.5 mg/m^3 TWA	n/e
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance	n/e	n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Black paste with mild odor

CAUTION!. Eye, skin and respiratory irritant. May be harmful if swallowed.

Potential health effects

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation

Symptoms of acute overexposure
Skin: May cause irritation and skin sensitization.
Eyes: May cause mild eye irritation.
Inhalation: Causes irritation of the mouth,nose,and throat. Irritates mucous membranes. Excessive inhalation causes headache, dizziness, nausea and incoordination.
Ingestion: May cause gastric distress (nausea, vomiting, diarrhea).

Effects of Chronic Exposure: When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde..

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
CARBON BLACK 1333-86-4	<1		Group A4 - Not classifiable as a human carcinogen	Group 2B; Monograph 65, 1996

Medical Conditions Recognized as Being Aggravated by Exposure:
Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

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: Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists..

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth. Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, foam

Flash point: >200°F **Method:** TCC

Lower Explosive Limit: n/d **Upper Explosive Limit:** n/d

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Unusual Fire/Explosion Hazards:
None.

Hazardous Products of Combustion:
Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Formaldehyde

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact. Ventilate area.

Containment: Dike, contain and absorb with clay, sand or other suitable material.

Cleanup: Wipe or scrape up spill material. Clean up spill thoroughly as residue is slippery. Place in an appropriate waste container for disposal.

Special procedures: Prevent spill from entering drainage/sewer systems, waterways and surface water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact with the skin and the eyes. Avoid breathing vapors or mists. Do not wear contact lenses. Do not ingest.

Storage: Store away from water or moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls

Ventilation:
General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Other engineering controls: Eye wash station.

Personal protective equipment

Eye and face protection: Safety glasses with side shields.

Skin protection: Rubber gloves.

Respiratory protection: With good ventilation, none required. An approved respirator (i.e.NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.35

Boiling Point: Not applicable, polymeric material

Melting point: n/d

Vapor Density (Air=1): 3.0

Vapor Pressure: <5 mmHg @ 80°F

Evaporation Rate: n/d

VOC: 9% by weight

Solubility in water: Polymerized

pH (5% solution or slurry in water): n/d

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: Exposure to moisture.

Incompatabilities: Polymerized by contact with moisture, Strong oxidizers, Acids, Iron

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Formaldehyde

Conditions under which hazardous polymerization may occur: None.

11. TOXICOLOGICAL INFORMATION

Eye irritation: No data available.

Subchronic effects: No data available.

Carcinogenicity, tertogenicity and mutagenicity: Methyl ethyl ketoxime (MEKO) is formed upon contact with water or humid. Male rodents exposed to MEKO vapor throughout their lifetimes developed liver cancer. Until more data is available, exposure levels should be maintained as low as possible.

Other chronic effects: Not determined.

Toxicological information on hazardous chemical constituents of this product:

Ingredient	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
VINYL OXIMINOSILANE 2224-33-1	n/d	n/d	n/d
OXIMINOSILANE 34206-40-1	n/d	n/d	n/d
STEARIC ACID 57-11-4	n/d	n/d	n/d
CARBON BLACK 1333-86-4	oral rat: >15400 mg/kg	rabbit: >3 g/kg	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

IMDG page number: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:
All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

The following RCRA code(s) applies to this material if it becomes waste:
None

Regulatory status of hazardous chemical constituents of this product:

Ingredient	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
VINYL OXIMINOSILANE 2224-33-1	No	No	0.0	Not required
OXIMINOSILANE 34206-40-1	No	No	0.0	Not required
STEARIC ACID 57-11-4	No	No	0.0	Not required
CARBON BLACK 1333-86-4	No	No	0.0	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.
**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any listed chemical at or above the No Significant Risk Limit.

Canadian regulations
WHMIS Hazard Class: D2B TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:
Health 1 Flammability 1 Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

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