

511 Impregnator VOC 4

Natural Look Penetrating Sealer

Osha's Hazard Communication Standard U.S. Department Of Labor

29 CFR 1910.1200 OMB No. 1218-0072
Identity No: Name: 511 Impregnator HS (SCAQMD Version)

Section 1

Manufacturers Name: Miracle Sealants Company
Address: 12318 Lower Azusa Road
Emergency Phone: 800-350-1901
City: Arcadia
State: CA
Phone: 626-443-6433
Date Prepared: January 2007

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Solvent Naphtha (Petroleum)	64742-88-7	500ppm	100ppm
Medium Aliphatic			
Acetic acid, Butyl Ester	123-86-4	150ppm	150ppm
Xylene	1330-20-7	100ppm	100ppm
Ethylbenzene	100-41-4	100ppm	100ppm
Tetra (trimethoxysiloxy) silane	3555-47-3	Not Available	Not Available
Phenylmethane*	108-88-3		
p-chlorobenzotrifluoride	98-56-6	Not Available	Not Available
*=Trace			

Section 3 - Physical/Chemical Characteristics

Boiling point: Appx. N200° C Specific gravity (H2O=1) : 1.2
Vapor pressure: Not Available Melting point: Not Available
Vapor density (Air=1): Heavier than air Evaporation rate (Butyl): < 1
Solubility in water: None
Appearance and odor: Clear, colorless to amber liquid.
VOLATILE BY VOLUME: $\geq 89\%$
VOC: ≤ 120 g/L (low solids)

Section 4 - Fire And Explosion Hazard Data

Flash Point: 105° F Method: Pensky-Martens closed cup ASTM D 93
Flammable limits: Not Available
LEL: Not Available UEL: Not Available
pH: Not Available

NFPA hazard rating (0 = Least, 4 = Extreme)

Health: 2 Fire: 1
Reactivity: 0 Other: 0

HMIS Hazard Rating:

Health: 3 Fire: 1
Reactivity: 0

Extinguishing media: Foam, water spray or fog. Dry chemical powder, CO2, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.

Special fire fighting procedures: Wear full protective clothing and self-contained breathing apparatus.

Unusual fire and explosion hazards: None

Section 5 - Reactivity Data

Stability: Conditions to avoid: Extreme heat and open flames.
Hazardous Combustion products:
Burning can produce the following combustion products:
Oxides or carbon, oxides of nitrogen, oxides of silicone, traces of Hydrogen Fluoride, carbon monoxide is highly toxic if inhaled; carbon dioxide is sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Section 6 - Health Hazard Data

Harmful or fatal if swallowed, causes eye and skin irritation, harmful if swallowed, harmful if inhaled, harmful if absorbed through skin, aspiration may cause lung damage, may cause allergic skin reaction, may cause dizziness and drowsiness, may cause liver and kidney disorders. Medical conditions generally aggravated by exposure - same as signs and symptoms of over exposure.

Emergency and First Aid Procedures: Eyes: Flush with water for 15 minutes. If irritation persists, call a physician. Skin: Wash off with soap and clean water for 15 minutes. If irritation persists, call a physician. Ingestion: Drink large amounts of water. Call physician. Inhalation: Remove person to fresh air. If not breathing, administer artificial respiration including oxygen. Provide medical attention.

Carcinogenicity:

OSHA: None NTP: None

IARC Monographs: None

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: soak up with inert absorbent material. Scoop up and place in a proper waste disposal container. Waste disposal method: disposal should be made in accordance with State and Local regulations.

Precautions to be taken in handling and storing: Store upright in a cool, dry place, out of direct sunlight. Do not freeze less than or equal to 32° F or heat above 110° F. Keep containers away from heat, sparks or open flames. Do not braze or weld near or on containers. Ground all containers before handling, transferring or coming into contact with liquid.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Ventilation:

Local exhaust - if available Special - None
Mechanical - if available Other - None
Protective gloves: Rubber or plastic, chemical resistant.
Eye protection: Tight fitting, splash proof safety glasses or goggles.
Other protective clothing or equipment: Chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping

U.S. Department of Transportation Classification (49CFR)

IMDG

ID#: UN1268
Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
Class/Division: 3
Packing Group: II
Marine Pollutant: No

IATA (Country variations may apply)

ID#: UN1268
Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
Class/Division: 3
Packing Group: II
Marine Pollutant: No

Section 10 - Regulatory Information

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

EPA SARA TITLE III Chemical Listings:

Section 302 Extremely Hazardous Substances:

None

Section 304 CERCLA Hazardous Substances:

Cas #	Appx. Wt. %	Component Name
1330-20-7	≤ 1	Xylene
100-41-4	≤ 1	Ethylbenzene
108-88-3	Trace	Toluene

Section 312 Hazard Class:

Acute: Yes Chronic: Yes Fire: Yes
Pressure: No Reactive: No

Section 313 Toxic Chemicals:

Cas #	Appx. Wt. %	Component Name
1330-20-7	≤ 1	Xylene
100-41-4	≤ 1	Ethylbenzene

Supplemental State Compliance Information

California:

Warning: This product contains the following chemical(s) listed by the state of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

Cas #	Appx. Wt. %	Component Name:
108-88-3	Trace	Toluene
Massachusetts:		
Cas #	Appx. Wt. %	Component Name:
1330-20-7	≤ 1	Xylene
100-41-4	≤ 1	Ethylbenzene
New Jersey:		
Cas #	Appx. Wt. %	Component Name:
1330-20-7	≤ 1	Xylene
100-41-4	≤ 1	Ethylbenzene
68988-56-7	≤ 1	Trimethylated silica
3555-47-3	Trace	Tetra (trimethoxysiloxy) silane
Pennsylvania:		
Cas #	Appx. Wt. %	Component Name:
68988-56-7	≤ 1	Trimethylated silica
1330-20-7	≤ 1	Xylene

EPA Hazard Waste: Not Available

SARA: No SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.