

511 Seal & Enhance

Impregnating Color Enhancer



www.miraclesealants.com

Osha's Hazard Communication Standard US Dept. of Labor

| | |
|---------------------|-------------------------------------|
| Identity No: | Name: 511 Seal & Enhance |
| 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: | March 2008 |

| | | | |
|--|------------|----------|-----------|
| Section 2 - Hazardous Ingredient/Identity Information | | | |
| Hazardous Components | CAS# | OSHA PEL | ACGIH TWA |
| Solvent Naphtha (Petroleum) | 64742-88-7 | 500 ppm | 100 ppm |
| Medium Aliphatic | | | |

Section 3 - Physical /Chemical Characteristics

Boiling Point: Appx. N200° C
 Vapor pressure: Not Determined
 Vapor density(air=1) : Heavier than air
 Solubility in water: None
 Appearance and odor: Clear, Colorless to amber Liquid.
 VOLATILE BY VOLUME: 60-70%
 VOC CONTENT: 591 g/L

Section 4 - Fire and Explosion Hazard Data

Flash point: 145° F
 Method:Pensky-Martens closed cup ASTM D 93

Flammable limits: Not tested
 LEL: not tested
 pH: Not Applicable
 NFPA hazard rating- HFRS (0-Least, 4-Extreme): 2
 HMIS hazard rating- HFR (0-Least, 4-Extreme): 2

Extinguish 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 of carbon
 Oxides of silicone
 Oxides of carbon
 Oxides of nitrogen
 Traces of Hydrogen Fluoride

Carbon monoxide is highly toxic if inhaled; carbon dioxide is sufficient concentrations can act as a 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.

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: Dispose of in accordance with state and local regulations.

Precautions to be taken in handling and storing: store in a cool, dry place, out of direct sunlight.
 Do not freeze less than or equal to 32° F or heat above 110° F.
 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
 Mechanical- if available
 Special- none
 Other- None

Protective gloves: Plastic or rubber, chemical resistant
 Eye Protection: Tight fitting, splash, proof safety 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)
 ID # UN1993
 Proper Shipping Name PETROLEUM DISTILLATES, N.O.S.
 Class/ Division 3
 Packing group III
 Marine Pollutant: No
 Transportation Class: 55
 IMDG
 ID # UN1268
 Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
 Class/ Division 3
 Packing group III
 IATA (Country variations may apply)

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.

SARA: No SARA 313 chemicals identified.

Section 302 - Extremely Hazardous Substances:

None.

Section 304 - CERCLA Hazardous Substances:

| Cas # | Appx. Wt. % | Component name |
|-----------|-------------|----------------|
| 1330-20-7 | 4.5 | Xylene |
| 100-41-4 | 1.3 | 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 | 4.5 | Xylene |
| 100-41-4 | 1.3 | 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 | 4.5 | Xylene |
| 100-41-4 | 1.3 | Ethylbenzene |

New Jersey:

| Cas # | Appx. Wt. % | Component name |
|------------|-------------|----------------------------------|
| 1330-20-7 | 4.5 | Xylene |
| 100-41-4 | 1.3 | Ethylbenzene |
| 68988-56-7 | 4-8 | Trimethylated silica |
| 3555-47-3 | Trace | Tetra(trimethoxysilyloxy) silane |

Pennsylvania:

| Cas # | Appx. Wt. % | Component name |
|------------|-------------|----------------------|
| 68988-56-7 | 4-8 | Trimethylated silica |
| 1330-20-7 | 4.5 | Xylene |

EPA Hazard Waste: Not Available

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.