

# 511 Seal & Enhance

## Impregnating Color Enhancer



www.miraclesealants.com

**Osha's Hazard Communication Standard US Dept. of Labor**

Identity No:	Name: <b>511 Seal &amp; Enhance</b>
<b>Section 1</b>	
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:	02 - 2012

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

<b>Section 3 - Physical /Chemical Characteristics</b>	
Boiling Point: Appx. N200° C	Specific gravity (H2o=1) -1.25
Vapor pressure: Not Determined	Melting point: Not Determined
Vapor density(air=1) : Heavier than air	Evaporation rate(Butyl) : 01
Solubility in water: None	
Appearance and odor: Clear, Colorless to amber Liquid.	
VOLATILE BY VOLUME: 0 60-70%	
VOC CONTENT: 591 g/L	

<b>Section 4 - Fire and Explosion Hazard Data</b>	
Flash point: 145° F	Method: Pensky-Martens closed cup ASTM D 93
Flammable limits: Not tested	
LEL: not tested	UEL: Not tested
pH: Not Applicable	DOT#: UN 1268
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

<b>Section 5 - Reactivity Data</b>	
Stability: Conditions to avoid: extreme heat and open flames	
Hazardous Combustion products:	
Burning can produce the following combustion products:	
Oxides of 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 a asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

<b>Section 6 - Health Hazard Data</b>	
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.

<b>Section 7 - Precautions for safe handling and use</b>	
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.	

<b>Section 8 - Control Measures</b>	
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.

<b>Section 9 - Shipping</b>	
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.

<b>Section 302 - Extremely Hazardous Substances:</b>		
None.		
<b>Section 304 - CERCLA Hazardous Substances:</b>		
Cas #	Appx. Wt. %	Component name
1330-20-7	4-5	Xylene
100-41-4	1.3	Ethylbenzene
108-88-3	Trace	Toluene

<b>Section 312 - Hazard Class:</b>		
Acute: Yes	Chronic: Yes	Fire: Yes
Pressure: No	Reactive: No	

<b>Section 313 - Toxic Chemicals:</b>		
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.