

MATERIAL SAFETY DATA SHEETS**SECTION 1 PRODUCT IDENTIFICATION**

PRODUCT NAME: **SOLVENT BASE COLOR ENHANCER/SEALER**
GLAZE `N SEAL PRODUCTS 18207 E. McDermott St. Ste. C Irvine CA 92614-6711
 EMERGENCY TELEPHONE NUMBERS: Day/Night: Chemtrec (800) 424-9300
 INFORMATION TELEPHONE: (800) 486-1414
 Date of Preparation: 9/2/00 Rev. 3/17/03

SECTION 2 HAZARDOUS INGREDIENTS

NAME	% OPTIONAL	CAS.NO.	OSHA PEL	ACGIH TLV (SOURCE)
Fluorinated Copolymer*	<5%	-----		Proprietary non-hazardous ingredient
Silicone mixture	<10%	-----		Proprietary non-hazardous ingredient
Hydrocarbon Solvent	>80%	64742-48-9	500 ppm	100 ppm

*This ingredient meets the EPA polymer exemption requirements

SECTION 3 PHYSICAL DATA

BOILING POINT: 160 - 175 °C SPECIFIC GRAVITY: 0.75 @ 16°C pH N/A
 VAPOR PRESSURE: 2.3 mmHg @ 20°C FREEZING / MELTING POINT: <minus 60°C
 SOLUBILITY IN WATER: <0.1% at 25°C EVAPORATION RATE (N-BuAcetate=1): 0.3 approx.
 APPEARANCE AND ODOR: Clear, colorless and nearly odorless liquid.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 40°C (TCC method) FLAMMABLE LIMITS % VOLUME IN AIR: Upper 7%, Lower 0.6%
 AUTOIGNITION TEMPERATURE: >290°C EXTINGUISHING MEDIA: Water spray, carbon dioxide, foam or dry chemical
 FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective clothing.
 FIRE & EXPLOSION HAZARDS: Irritating and/or toxic fluorinated gasses due to decomposition of the product may be generated during a fire.

SECTION 5 REACTIVITY DATA

STABILITY: Stable; this material is chemically stable under normal storage conditions and handling conditions. However, avoid flames, welding arcs and other potential ignition sources.
 INCOMPATIBILITY: Avoid contact with oxidizing agents.
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition produces toxic fluorinated agents.
 HAZARDOUS POLYMERIZATION: none

SECTION 6 HEALTH HAZARD DATA

Workplace exposure limits guideline - 300 ppm total hydrocarbon based on composition.
 PRIMARY ROUTE OF ENTRY: EYE: May cause irritation. SKIN: May cause irritation.
 INHALATION AND INGESTION: see following comments.
 SIGNS AND SYMPTOMS OF OVER-EXPOSURE (ACUTE): Based on its composition, this product is anticipated to be no more than slightly toxic if absorbed through the skin and slightly irritating to eyes and skin. Prolonged or repeated contact removes oils from the skin and may dry the skin and cause irritation, redness and rash. INHALATION: High vapor/aerosol concentrations (greater than 1000 ppm) are irritating to the eyes and respiratory tract and may result in central nervous system effects such as headache, dizziness, anesthesia, drowsiness and in severe exposures, loss of consciousness and death. INGESTION: Mild to severe lung injury may occur if drawn into the lungs (aspirated) during swallowing, or during vomiting after swallowing. Symptoms of injury may include increased breathing and heart rate, coughing and related signs of respiratory distress.

SECTION 7 SUGGESTED EMERGENCY & FIRST AID PROCEDURES

EYES: If in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
 SKIN: In case of contact, immediately flush the area with plenty of water. Use soap if available. Remove contaminated clothing.
 INGESTION: If swallowed, do not induce vomiting. Keep at rest and call for prompt medical attention.

SECTION 8 SPECIAL PROTECTION INFORMATION

It is **not** recommended to apply the product by spraying or aerosolizing. RESPIRATORY PROTECTION: NIOSH/MSHA approved full face mask air respirator where airborne exposure is likely to exceed recommended exposure limits. VENTILATION: Provide ventilation if necessary to minimize exposure. EYE PROTECTION: Use safety glasses. PROTECTIVE GLOVES: Wear latex or chemically resistant gloves. OTHER PROTECTIVE EQUIPMENT: Wear appropriate chemical resistant protective clothing to prevent skin contact.

SECTION 9 SPILL OR LEAK PROCEDURES

Ventilate the area and remove all ignition sources. Contain the spill by building a dike using absorbent material. Collect the remainder of the spill with absorbent material and place into an approved drum for waste disposal. Consult all federal, state and local authorities for proper disposal procedures.

SECTION 10 STORAGE AND HANDLING INFORMATION

Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Keep away from heat, sparks and flames. Store in tightly sealed containers at ordinary room temperature. **DO NOT SMOKE.** Read label before use.

SECTION 11 ADDITIONAL INFORMATION

The major ingredient of this product is listed on the TSCA inventory at CAS registry number 64742-48-9. This product is classified as combustible under OSHA hazards as defined in 29 CFR1910.1200.

Clean Water Act/Oil Pollution Act: This product is classified as an oil under section 311 of the Clean Water Act (40CFR110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water or in waterways/sewers which lead to surface water, must be reported to the National Response Center at 800-424-8802.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act.

SARA Title III: Under the provisions of Title III, sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard category: Fire.

DOT shipping description: Petroleum Distillate, N.O.S., Combustible Liquid, UN 1268, PGIII.

Note: In containers of 119 gallons capacity or less, this product is exempted from placarding by DOT when shipped by surface.

Hazard Rating Systems:

	NPCA-HIMS	NFPA 704	Key	
Health	1	1	4 = Severe	1 = Slight
Flammability	2	2	3 = Serious	0 = minimal
Reactivity	0	0	2 = Moderate	

SARA Hazard notification: Health hazard categories under criteria of SARA Title III rules (40 CFR part 370) - Immediate

SECTION 12 SPECIAL INSTRUCTIONS**KEEP OUT OF REACH OF CHILDREN.**

The information contained herein is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty, or guarantee is made as to its accuracy or reliability of completeness. It is the user's responsibility to satisfy himself or herself as to the suitability and completeness of such information for his or her own particular use.

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