

*Prepared to U.S. OSHA, Canadian WHMIS and European Directives***1. PRODUCT IDENTIFICATION**

<b><u>TRADE NAME (AS LABELED):</u></b>	<b>Stain Defense</b>
<b><u>SYNONYMS:</u></b>	None known
<b><u>PRODUCT NUMBERS:</u></b>	950 (4oz), 952 (Qt)
<b><u>CAS#:</u></b>	Mixture
<b><u>PRODUCT USE:</u></b>	This product is used to protect concrete and masonry installations
<b><u>CHEMICAL SHIPPING NAME/CLASS:</u></b>	Paint, Class 3, PG II
<b><u>U.N. NUMBER:</u></b>	UN 1263
<b><u>MANUFACTURER'S NAME:</u></b>	Glaze 'N Seal Products Inc.
<b><u>ADDRESS:</u></b>	18207 E McDermott Street, Suite C, Irvine CA 92614-6711
<b><u>BUSINESS PHONE #:</u></b>	1-800-486-1414
<b><u>EMERGENCY PHONE #:</u></b>	1-800-424-9300
<b><u>WEBSITE:</u></b>	<a href="http://glaze-n-seal.com">http://glaze-n-seal.com</a>
<b><u>DATE OF CURRENT REVISION:</u></b>	March 13, 2025
<b><u>DATE OF LAST REVISION:</u></b>	August 13, 2024

**2. HAZARD IDENTIFICATION****EMERGENCY OVERVIEW:** This product is a clear liquid with a slight odor.**Health Hazards:** Prolonged or repeated exposure may cause irritation to skin. May cause skin sensitization. May cause irritation to eyes upon contact with redness and tearing. Inhalation of vapors/mists or spray may cause respiratory irritation and possible drowsiness or dizziness.**Flammability Hazards:** This product is a Flammable liquid with a flash point of >87°F (>30°C)**Reactivity Hazards:** None known**Environmental Hazards:** The Environmental effects of this product have not been investigated. Release of this product may have adverse long term effects in the aquatic environment.**US DOT SYMBOLS****CANADA (WHMIS) SYMBOLS**

Complies with WHMIS 2015

**EUROPEAN and (GHS) Hazard Symbols**Signal Word: **Danger!****CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1910.1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:**

This product does meet the definition of a hazardous substance or preparation as defined by OSHA in 29 CFR 1910.1200 or the European Union Council Directives 1272/2008/EC.

Substances not listed either individually or in group entries must be self classified.

**Component(s) Contributing to Classification(s)**

All Ingredients

**GHS Hazard Classification(s):**

Flammable liquid Category 2

Skin Irritant Category 2

Mutagenicity Category 1B

Carcinogenicity Category 1B

Eye Irritant Category 2

STOT SE Category 3

**Hazard Statement(s):**

H225: Flammable liquid and vapor

H315: Causes skin irritation

H340: May cause genetic defects

H350: May cause cancer

H319: Causes serious eye irritation

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness

**Precautionary Statement(s):**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep Container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

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### Response Statement(s):

P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P310 IF SWALLOWED: Immediately call a POISON Center/doctor.  
P314: Get medical advice/attention if you feel unwell

### Storage Statement(s):

P403+P235: Store in a well-ventilated place. Keep cool.

### Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/national/international regulations.

### Other Known Hazard(s):

This mixture does not meet the criteria for PBT or vPvB in accordance with Annex VI.

No other hazards known

### HEALTH HAZARDS OR RISKS FROM EXPOSURE:

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin or eyes, inhalation of vapors and ingestion. The symptoms of overexposure are described below.

#### ACUTE:

**INHALATION:** Inhalation of vapors/mist/spray may cause respiratory irritation. May cause drowsiness or dizziness.

**CONTACT WITH SKIN:** Prolonged and repeated contact may cause irritation to skin.

**EYE CONTACT:** Direct eye contact can cause serious irritation with redness, tearing and blurred vision.

**INGESTION:** Under normal conditions of intended use, this material is not expected to be an ingestion hazard. Ingestion of large quantities may cause gastrointestinal irritation, nausea and vomiting.

**CHRONIC:** Contains ingredients that may cause cancer or genetic defects.

**TARGET ORGANS: Acute:** Skin, Respiratory System and Eyes

**Chronic:** Genetic Defects

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	Hazard Classification
Tert Butyl Acetate	85 – 95%	540-88-5	208-760-7	H225: Flammable Liquid Cat 2, H332: Acute Inhalation Toxicity Cat 4, H335: STOT SE Cat 3, H336: STOT SE Cat 3
Isopar G	5 – 15%	64742-48-9	265-150-3	H226: Flammable Liquid Cat 3, H304: Aspiration Toxicity Cat 1, H340: Mutagenicity Cat 1B, H350: Carcinogenicity Cat 1B
N-Butyl Acetate	1 – 10%	123-86-4	204-658-1	H226: Flammable Liquid Cat 3, H336: STOT SE Cat 3
Acrylic Fluoropolymer	1 – 10%	Proprietary	Not Listed	H319: Eye Irritant Cat 2, H336: STOT SE Cat 3
Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

NOTE: This product has been classified in accordance with the hazard criteria of 29CFR1910.1200 and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

## 4. FIRST-AID MEASURES

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water. Remove contact lenses if easy to do and continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

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**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin or respiratory conditions may be aggravated.

**RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and eliminate overexposure.

### 5. FIRE-FIGHTING MEASURES

**FLASH POINT:** Flammable liquid with flash point of >87°F (30°C)

**AUTOIGNITION TEMPERATURE:** 764°F (407°C)

**FLAMMABLE LIMITS (in air by volume, %):** Lower NA Upper NA

**FIRE EXTINGUISHING MATERIALS:** Use fire extinguishing methods below:

Water Spray: Yes

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

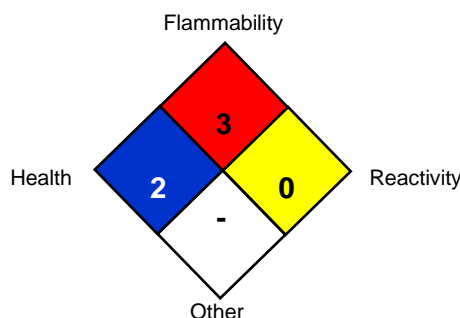
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors are heavier than air and may spread along floors. Containers may explode when heated.

Explosion Sensitivity to Mechanical Impact: No



Explosion Sensitivity to Static Discharge: Yes

**SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

#### NFPA RATING SYSTEM



#### HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			2
FLAMMABILITY HAZARD (RED)			3
PHYSICAL HAZARD (YELLOW)			1
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Stop the flow of material, if this can be done safely. Avoid breathing vapors. Contain discharged material. Remove all ignition sources. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations)

### 7. HANDLING and STORAGE

**WORK PRACTICES AND HYGIENE PRACTICES:** As with all chemicals, avoid getting this product ON YOU or IN YOU. Ensure adequate ventilation. Wash thoroughly after handling this product. Use good hygiene practices. Use only non-sparking tools. Take precautionary measures against static discharge.

**STORAGE AND HANDLING PRACTICES:** Store in original container. Keep container closed when not in use. Store in a cool, dry location away from ignition sources.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**EXPOSURE LIMITS:**

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Tert Butyl Acetate	540-88-5	10 mg/l	10 mg/l
Isopar G	64742-48-9	Not Listed	Not Listed
N-Butyl Acetate	123-86-4	150 ppm	150 ppm
Acrylic Fluoropolymer	Proprietary	Not Listed	Not Listed

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** Always use in adequately ventilated area. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Safety glasses or goggles are recommended to avoid eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**SKIN PROTECTION:** Wear impervious gloves for prolonged or repeated exposure as appropriate to task avoid when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**BODY PROTECTION:** Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

## 9. PHYSICAL and CHEMICAL PROPERTIES

**APPEARANCE (Physical State) and COLOR:** This product is a clear liquid with a slight odor.

**ODOR:** Fishy like odor

**ODOR THRESHOLD:** Not Available

**pH:** Not Available

**MELTING/FREEZING POINT:** <-74°C

**BOILING POINT:** 125°C

**FLASH POINT:** >30°C (>87°F)

**EVAPORATION RATE (n-BuAc=1):** Not Available

**FLAMMABILITY (SOLID, GAS):** Not Applicable

**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not Available

**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** Not Available

**VAPOR DENSITY:** Not Available

**SPECIFIC GRAVITY:** Not Available

**SOLUBILITY IN WATER:** Slightly Soluble

**WEIGHT PER GALLON:** Not Available

**PARTITION COEFFICIENT (n-octanol/water):** Not Available

**AUTO-IGNITION TEMPERATURE:** 407°C (764°F)

**DECOMPOSITION TEMPERATURE:** Not Available

**VISCOSITY:** Not Available

**VOC's:** Exempt

## 10. STABILITY and REACTIVITY

**STABILITY:** Stable under conditions of normal storage and use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition products include oxides of carbon and possible harmful vapors.

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Strong oxidizing agents.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur.

**CONDITIONS TO AVOID:** Ignition sources.

## 11. TOXICOLOGICAL INFORMATION

### TOXICITY DATA:

Chemical Name	CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Tert Butyl Acetate	540-88-5	Not Data Available	No Data Available	No Data Available
Isopar G	64742-48-9	Not Data Available	No Data Available	No Data Available
N-Butyl Acetate	123-86-4	14,130 mg/kg Rat	>16ml/kg Rabbit	No Data Available
Acrylic Fluoropolymer	Proprietary	Not Data Available	No Data Available	No Data Available
<b>Acute Oral Toxicity</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Skin Corrosion / Irritation</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Serious Eye Damage / Irritation</b>	<b>Eye Irritant Category 2</b>			
<b>Respiratory or Skin Sensitization</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Germ Cell Mutagenicity</b>	<b>Mutagenicity Category 1B</b>			
<b>Carcinogenicity</b>	<b>Carcinogenicity Category 1B</b>			
<b>Reproductive Toxicity</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>STOT – Single Exposure</b>	<b>STOT SE Category 3</b>			
<b>STOT – Repeated Exposure</b>	<b>Based on available data, the classification criteria are not met</b>			
<b>Aspiration Hazard</b>	<b>Aspiration Hazard Category 1</b>			

**SUSPECTED CANCER AGENT:** Ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are considered to be, or suspected to be, cancer-causing agents by these agencies.

CAS# 64742-48-9

**IRRITANCY OF PRODUCT:** Exposure to this product may cause skin and eye irritation.

**SENSITIZATION TO THE PRODUCT:** This product not expected to cause skin sensitization.

**REPRODUCTIVE TOXICITY INFORMATION:** Exposure may cause genetic defects.

## 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**ENVIRONMENTAL STABILITY:** No specific data available on this product.

**CHEMICAL EFFECT ON PLANTS, ANIMALS AND AQUATIC LIFE:** This product may cause harm to plants, animals or aquatic life.

**WATER ENDANGERMENT CLASS:** Water endangering in accordance with EU Guideline 91/155-EWG – Not Determined.

**SPECIFIC AVAILABLE COMPONENT INFORMATION:** No additional data available at this time.

## 13. DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

**EU Waste Code:** Not determined

## 14. TRANSPORTATION INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

**PROPER SHIPPING NAME:** Paint  
**HAZARD CLASS NUMBER and DESCRIPTION:** Class 3, Flammable  
**UN IDENTIFICATION NUMBER:** UN 1263  
**PACKING GROUP:** PG II  
**DOT LABEL(S) REQUIRED:** Flammable Class 3  
**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:** 128  
**RQ QUANTITY:** None

**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

**INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):** This product is considered as dangerous goods.



**Stain Defense**

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is considered as dangerous goods.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

**15. REGULATORY INFORMATION**

**UNITED STATES REGULATIONS:**

**U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** Ingredients within this product are not on the Proposition 65 Lists.

**CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:** The components of this product are on the DSL Inventory, or are exempted from listing.

**OTHER CANADIAN REGULATIONS:** Not applicable.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Complies with WHMIS 2015

**EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 1272/2008/EC and subsequent Directives.

See Section 2 for Details

**16. OTHER INFORMATION**

**ABBREVIATIONS AND ACRONYMS:**

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

**PREPARED BY:** Paul Eigbrett – (**GHS MSDS Compliance PLUS**)

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Glaze 'N Seal Products Inc. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Glaze 'N Seal Products Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

**END OF SDS SHEET**