SAFETY DATA SHEET

1. Product and Company Identification

Product Name: Triple Seal
Product Code: BD 151C **Chemical Type: Aerosol**
Product Use:

Manufacturer: Eveready Products Corp. **Revision Date**: 01/23/2020
Address: 1101 Belt Line Ave. **Emergency**: Chemtel 800-255-3924
Cleveland, Ohio 44109 **Phone**: 216-661-2755

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

2. Hazards Identification

2.1 Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Aerosols Category 2
Gases Under Pressure Liquefied Gas
Skin irritation (Category 2),
Acute toxicity, Category 4, Inhalation

2.2 GHS Label elements, including precautionary statements
Symbol(s):

Signal Word : Warning

Hazard statement(s)
H223: Flammable Aerosol
H280: Contains gas under pressure; may explode if heated
H332: Harmful if inhaled.
H315: Causes skin irritation

Precautionary statement(s)
Prevention:
P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source

P251: Pressurized container: Do not pierce or burn, even after use
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection
Response:
P302 +P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340: IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P362: Take off contaminated clothing and wash before reuse.
Storage:
P403 + P410: Protect from sunlight. Store in a well ventilated place.
P412: Do not expose to temperatures exceeding 50°C/122°F
Disposal:
P501: Dispose of contents/ container to an approved waste disposal plant.

3. Composition / Information on Ingredients

Ingredients	CAS #	Percent
Silane, ethenyltrimethoxy-	Proprietary	12-18%
3-(2-aminoethylamino) propyltrimethoxsilane	1760-24-3	7-12%
Methyltrimethoxsilane	1185-55-3	2-5%
Polyalkylene glycol	9038-95-3	15-20%
Isobutyl alcohol	78-83-1	10-15%
Di-acetone alcohol	123-42-2	<1%
Methanol	1017-56-7	<1%
1,1,1,2-Tetrafluoroethane	811-97-2	40-50%

4. First Aid Measures

Eye Exposure: Check for and remove contact lenses. If irritation or redness develops, flush eyes with cool, clean, low-pressure water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of the eye and eyelid tissue. Do not use eye ointment. Seek medical attention immediately.

Skin Exposure: Remove contaminated shoes and clothing. Flush affected area with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. Do not use ointments. If skin surface is not damaged, clean affected area thoroughly with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists.

Inhalation: Immediately move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If heart has stopped, immediately begin cardiopulmonary resuscitation (CPR). Seek medical attention immediately.

Ingestion: Do not induce vomiting. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Never give anything by mouth to a person who is not fully conscious. Do not leave victim unattended. Seek medical attention immediately.

5. Fire Fighting Measures

Flash Point: >111 F (TCC)

Suitable extinguishing media: Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.
Unsuitable extinguishing media: High volume water jet.
Specific hazards during fire-fighting: Do not allow run-off from fire-fighting to enter drains or water courses.
Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for fire-fighting if necessary.
Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.
Fire and explosion protection: Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.
Hazardous decomposition products: Carbon Dioxide. Carbon oxides, phosgene gas, hydrochloric acid

6. Accidental Release Measures

Spill or Leak Instructions
Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

7. Handling and Storage

Handling:

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

Storage:

Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

8. Exposure Controls / Personal Protection

Protective Equipment:

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

Engineering Controls:

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

Respiratory Protection*:*

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above Exposure limits, an approved self-contained breathing apparatus or airline respirator with full face-piece is required

Other Suggested Equipment:

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

Discretion Advised:

We. take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

Exposure guidelines:

Ingredients	CAS #	Exposure Limits
Isobutyl Alcohol	78-83-1	ACGIH TLV 50 ppm OSHA PEL 50 ppm
Di-acetone alcohol	123-42-2	ACGIH TWA 50 ppm ASHA PEL 50 ppm
Methanol	67-56-1	ACGIH TWA 200 ppm OSHA PEL 200 ppm
1,1,1,2-Tetrafluoroethane	811-97-2	1000 ppm (Supplier)

9. Physical and Chemical Properties

Physical state: Liquid
Color: Colorless
Odor: chloroform-like, irritating
Flash point: NE
Lower explosion limit: not available
Upper explosion limit: not available
Oxidizing properties: no
Auto ignition temperature: not available
pH: Not applicable
Melting point/range: not available
Boiling point/boiling range: NE
Vapor pressure: not available
Relative density: 1.21
Relative vapor density: >1 (Air = 1.0)
Water solubility: Soluble in hydrocarbon solvents, natural oils, fats, and waxes; insoluble in water.
Partition coefficient: n- octanol/water: No data available
Evaporation rate: >1 (nBAC=1)

10. Stability and Reactivity

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions. May form explosive mixtures in atmospheres having high oxygen content.
Conditions to Avoid: Excess heat, attacks some plastics, rubber, and coatings, confined spaces, when no water is present, dichloromethane is not corrosive to metals. At high temperatures and in the presence of water (causing slow decomposition forming HCl), corrosion of iron, some stainless steels, copper and aluminum can occur.
Materials / Chemicals to Be Avoided: Strong oxidizing agents, strong bases, chemically active metals.
Hazardous Decomposition Products: Hydrogen chloride, phosgene, carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur.

11. Toxicological Information

1,1,1,2-Tetrafluroethane:

Acute inhalation toxicity
1,1,1,2-Tetrafluoroethane (134a) LC50 Rat > 500000 ppm 4 h

Sensitization: Cardiac sensitization, species: dogs, Note: No observed effect level 50,000 ppm. Lowest observable effect level 75,000 ppm

12. Ecological Information

Ingredients toxic to aquatic life.

13. Disposal Considerations

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete. Note: that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste.

14. Transport Information

Aerosols (limited quantity),
Class 2.1, ERG 126

AIR (IATA)
Aerosols (limited quantity),
Class 2.1, ERG 126, UN No. 1950
Vessel
Aerosol (Limited Quantity), Class 2.1, UN No 1950

15. Regulatory Information

Environmental Regulations
SARA 311:

Acute health:	Yes	**Chronic health:**	Yes
Fire:	Yes	**Sudden release of pressure:**	yes
Reactive:	No		

SARA 313: Title III of the 1986 Super fund Amendments and Reauthorization Act (SARA) and 40 CFR PART 372.
None

California Prop 65:
WARNING: This product contains a chemical know to the State of California to cause cancer.

All the chemicals used in this product are TSCA listed.

Check with your local regulators to be sure all local regulations are met.

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16. Other Information

Hazard ratings This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Health: 2 Flammability: 1 Reactivity: 0
HMIS: Health: 2*Flammability: 1 Reactivity: 0
RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

Note:
For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

Revision Date: 01/21/2016