

Tri-Plex Technical Services, Ltd.  
Material Safety Data Sheet

**Material Identification**

Name: Sentry Shield-Ready to Use (Odorless Mineral Spirit Based)

Chemical Family: Partially fluorinated acrylic polymer

Distributor: Tri-Plex Technical Services, Ltd.

Product Information Phone: 1-800-867-3681 / 618 538 5843

Transportation Emergency Phone: 1-800-867-3681 after hours 618 407-3681

Medical Emergency Phone: 1-800-867-3681 after hours 618 407 0115

**Physical Data**

Boiling Point: 340 degrees F approximate  
Melting Point: 120 degrees F  
Water Solubility: Less than 0.1% at 68 degrees F  
Odor: Mild, petroleum  
Form: liquid  
Color: Colorless to Pale Yellow  
Specific Gravity: 0.83  
% Solids: 6%

Health: 1  
Fire: 2  
Reactivity: 0

**Hazardous Reactivity**

Instability: Stable  
Incompatibility: Avoid Strong oxidizing agents  
Decomposition: None  
Polymerization: Will not occur

**Hazardous Ingredients**

<u>Chemical Name</u>	<u>CAS#</u>	<u>%</u>
Odorless Mineral Spirits Combustible Liquid	8052-41-3	94%
Perfluoroalkyl/alkyl Copolymer Resin	NA	6%

## **Fire and Explosion Data**

Flash Point: 120 degrees F

Method TCC

Fire and Explosion Hazards: A combustible liquid can form combustible mixtures at temperatures at or above the flashpoint. Material can accumulate static charges which can cause an incendiary electrical discharge. Empty containers retain such product residue(liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death.

Extinguishing Media: Dry chemical, carbon dioxide, water spray

Special Fire Fighting Instructions: Evacuate personnel to safe area. Avoid breathing decomposition products.

## **Health Hazard Information**

Toxicity: This product may be harmful or fatal if ingested. Toxicity to rats via inhalation increases with decreasing droplet size.

LD50(rat inhalation)<0.5mg/l @ 1.6 micron droplet diameter

LD50(rat inhalation)>18.2mg/l @4.7 micron droplet diameter.

Carcinogenicity: None

Exposure limits: Eye contact will be painful and irritating. Prolonged and repeated skin exposure may be irritating. Inhalation of mist produced during manufacturing may irritate mucous membranes.

Safety Precautions: Avoid contact with eyes, skin and clothing

**WARNING: DO NOT AEROSOLIZE. USE ONLY LOW PRESSURE SPRAYERS LESS THAN 10 PSI. Wear NIOSH/MSHA approved respiratory protection. Provide good ventilation until dry when spraying.**

## **First Aid**

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

Skin Contact: Remove contaminated clothing. Flush skin with mild soap and water

Eye Contact: Flush eyes for at least 15 minutes and seek medical attention.

Ingestion: Seek professional help immediately

## **Protection Information**

Generally Applicable Control Measures and Procedures: Keep container tightly closed. Do not consume food, drink, or tobacco in areas where they may become contaminated by this material. Wear goggles or face mask if splashing is likely. Use rubber or plastic gloves to prevent prolonged contact.

Personal Protective Equipment:

Eyes: Goggles or glasses with side shields

Skin: Impermeable gloves and any additional clothing to minimize physical contact.

**Disposal Information:**

Spill, Leak or Release: Eliminate all ignition sources. Contain spill and salvage as much material as possible. Then pick up the remaining with absorbent.

Water Disposal: Dispose of only by methods approved by and used in accordance with local, state and federal regulations

**Storage Conditions:**

Keep container tightly closed. Store at room temperature. Use proper grounding procedures due to electrostatic accumulation hazard

**Shipping Information:**

DOT: Proper Shipping Name Petroleum Distillates, NOS Combustible Liquid, UN1268 PG III

Note: In containers less than 119 gallons, this product is not regulated by the DOT

DOT/IMO: Proper Shipping Name Petroleum Distillates, NOS Combustible Liquid, UN 1268, PG III

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