



Section 1: Chemical Product and Company Identification

Part Number(s): TNDS8110, TNDS8210, TNDS8310
Description: Flexi-Film® Corrosion Protection
Manufacturer / Supplier: Shrader Canada Limited
Address: 830 Progress Court, Oakville, Ontario L6L 6K1
Revision Date: 2014-02-07
Product Use: Corrosion inhibitor and lubricant
Chemical Family: Mixture

Section 2: Composition/Information on Ingredients

| Component Name: | % | LD50 and LC50 | ACGIH TWA | Ecotoxicity - Aquatic Toxicity |
|----------------------------------|---------|---------------|---------------|--------------------------------|
| RHT Base Oils Complex Mixture | 30-60 | Not Available | Not available | Not Available |
| Lanolin Oil 70321-63-0 | 0.5-1.5 | Not Available | Not available | Not Available |

Section 3: Hazards Identification

Ingestion: Ingestion of large amounts will probably cause stomach irritation. Symptoms include nausea, vomiting and diarrhea.

Inhalation: No hazard under normal conditions of use. Mist may irritate respiratory tract.

Skin Contact: May cause mild, reversible irritation.

Eye Contact: May cause irritation.

Chronic Effects: Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated exposure can result in drying of the skin, irritation and dermatitis.

Section 4: First Aid Measures

Ingestion: Do not induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or is convulsing. Drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention immediately.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult give oxygen. If not breathing give artificial respiration and get medical attention immediately.

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops and/or persists.

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Remove contact lenses if any after the initial flushing and then continue flushing. Get medical attention if irritation develops and/or persists.

Section 5: Fire Fighting Measures

Flash Point (°C): > 150 SETA CC
Flame Projection: Not Applicable
NFPA Classification: Combustible Liquid, Class IIIB
Lower Explosive Limit: Not Available
Upper Explosive Limit: Not Available
Auto ignition Temp. (°C): Not Available

Sensitivity to Mechanical Impact:

Protect against physical damage.

Conditions of Flammability:

Flammable when heated to temperatures above the flash point and on contact with an ignition source. Vapours are heavier than air and may travel or be moved along the ground to an ignition source at locations distant from material handling. Material will float and may re-ignite on water surface. Water may cause splattering and spread the fire.

Sensitivity to Static Discharge:

Not Available

Hazardous Combustion:

Carbon dioxide, carbon monoxide and other unidentified organic compounds. Oxides of sulphur.

Extinguishing Media:

Alcohol foam or water fog for large fires. Carbon dioxide or dry chemical for small fires. Use water spray to cool fire exposed containers and prevent bursting.

Section 6: Accidental Release Measures

Leak or Spill Procedures:

Wear suitable protective clothing. Follow applicable explosion and fire precautions during the response. Stop the spill at the source when safe to do so. For large spills, dike the area to prevent spreading. Pump excess to a salvage container. Absorb residues and small spills with a non-flammable absorbent material and collect adsorbate for disposal.

Section 7: Handling and Storage

Handling Procedures:

Keep away from heat, spark, flame and other sources of ignition. Use with adequate ventilation. Avoid breathing vapours or mist. Do not cut, weld, drill or grind on or near this container. Avoid skin and eye contact. Wear all appropriate personal protective equipment during use. Use good personal hygiene. Avoid smoking, eating and drinking during use. Wash with soap and water after handling. Containers of this material may contain hazardous residues when emptied.

Storage Requirements:

Store in a cool, dry, well ventilated area, away from heat, ignition sources and incompatibles. Keep containers tightly closed when not in use. Keep away from children.

Section 8: Exposure Controls / Personal Protection

Respiratory: Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.

Gloves: Neoprene. Nitrile gloves. Avoid natural rubber.

Eyewear: Safety glasses. Contact lenses should not be worn. They may contribute to the severity of the injury.

Clothing: Sufficient clothing to prevent skin contact.

Section 8: Exposure Controls / Personal Protection

Ventilation: Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted, or used in confined spaces or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted.

Other protective equipment: Emergency showers and eyewash facilities should be nearby. The selection of personal protective equipment will vary depending on the conditions of use.

Section 9: Physical and Chemical Properties

Physical State: Liquid
Color: Opaque, viscous tan oil
Odour: Hydrocarbon
Vapour Density (Air=1): > 1
VOC %: 25
pH: Not Applicable
Solubility in Water: Insoluble
Specific Gravity (H2O=1): 0.97 @ 23 °C
Viscosity: > 14cSt @ 40°C

Section 10: Stability and Reactivity

Conditions of Instability:
Stable at ambient and moderately elevated temperatures and pressures.

Hazardous Polymerization:
Hazardous polymerization will not occur.

Hazardous Decomposition:
See hazardous combustion products.

Incompatible Materials:
Avoid strong oxidizers (e.g HOOH, HNO₃). Avoid strong acids. Avoid strong alkalis.

Conditions of Reactivity:
Keep away from heat, sparks and flame.

Section 11: Toxicological Information

Irritancy of Product:
May be mildly irritating to eyes and skin.

Sensitization to product:
Contains no known skin or respiratory sensitizers.

Carcinogenicity:
No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive Effects:
None known.

Teratogenicity:
None known

Mutagenicity:
None known

Synergistic Products:
None known.

Section 12: Ecological Information

Environmental: May be harmful to aquatic life.

Section 12: Ecological Information

Biodegradability: No data available for this product.

Section 13: Disposal Considerations

Waste Disposal: Reuse or recycling should be given priority over disposal under any circumstances. Do not dump unused contents into sewers, on the ground or into any body of water. Dispose of in accordance with municipal, provincial and federal regulations.

Section 14: Transportation Information

Road shipment: Not regulated by TDGR.

Marine shipment: Not regulated by IMDG.

Air Shipment: Not regulated by IATA, ICAO.

Exemption: None required.

Section 15: Regulatory Information

WHMIS: D2B

CEPA: All components are listed on the Domestic Substances List (DSL).

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Section 16: Other Information

HMIS Rating: 110B

Prepared By: Regulatory Compliance, Shrader Canada Limited

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