

Preferred Industrial

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613)996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: ST ST 316 Stainless Steel Coating **EFFECTIVE DATE:** 10 Sep 2003
WHMIS CLASS: Class A; Class B 9Div 5; Class D – Div 2B
T.D.G. CLASSIFICATION: ORM-D
UN: **CLASS:** **PG:** **CHEMICAL FAMILY:**
MATERIAL USE:

HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>Wt%</u>	<u>TWA-TLV</u>	<u>LD50</u>	<u>LC50</u>
Parachlorobenzotrifluoride	98-56-8	20-40	N/D	-8.8 g/kg Oral Rat	4479 pp Rat 8 hr.
Isoparaffinic Hydrocarbon	64741-66-8	10-20	400 ppm	N/D	N/D
Epoxy Ester Resin	Proprietary	06-10	100 ppm	N/D	N/D
Liquified Petroleum Gas	6876-85-7	20-40	1000 ppm	N/D	N/D

PHYSICAL DATA

BOILING POINT(°C): 75 **COEF. OF WATER/OIL DIST.:**
VAPOUR PRESSURE (psig @ 20 Deg C): 55 **SPECIFIC GRAVITY (H₂O=1):** 1.10
VAPOUR DENSITY (Air=1): >1 **TOTAL VOC%:** -58%
SOLUBILITY IN WATER: Negligible **EVAPORATION RATE (H₂O=1):**
PHYSICAL STATE: **ODOUR THRESHOLD:**
PH (as supplied): N/A **FREEZING POINT(°C):**
APPEARANCE AND ODOUR: Silver grey liquid/Solvent

FIRE AND EXPLOSION DATA

FLAMMABILITY: Flammable Spray
FLASH POINT (Deg C method): -7 Deg C
UEL: N/A
LEL: N/A
HAZARDOUS COMBUSTION PRODUCTS:
MEANS OF EXTINCTION: Foam, CO@, dry media
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus & protective clothing. Cool fire exposed containers to prevent rupturing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperature above 50 Deg C may cause bursting.
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: **STATIC DISCHARGE:**

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable.
INCOMPATIBILITY: Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, Carbon monoxide.
REACTIVITY: Hazardous polymerization will not occur.

FIRST AID

EYE: Flush with large amounts of cool running water for at least 15 minutes, while holding upper and lower lids.
SKIN: Wash with soap and water, if irritation persists, seek medical help.
INHALATION: Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration.
INGESTION: Do not induce vomiting. Seek medical attention immediately.

ST. ST. 316 Stainless Steel Coating

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE: May cause slight irritation, but does not injure eye tissue.

SKIN: Frequent or prolonged contact may cause irritation.

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory tract. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, and other essential nervous system effects.

INGESTION: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis.

EFFECTS OF CHRONIC EXPOSURE:

SKIN:

IRRITANCY:

RESPIRATORY TRACT SENSITIZATION:

CARCINOGENICITY: Non-hazardous by WHIMIS criteria.

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

EXPOSURE LIMITS:

PREVENTATIVE MEASURES

GLOVES: Non needed if used in accordance with label directions. Use chemical resistant gloves, if hand contact will be made.

EYE PROTECTION: Non needed unless it is anticipated that a splash or spray back will occur, and wear safety glasses or chemical proof goggles.

RESPIRATORY PROTECTION: None needed for proper use in accordance with label directions.

OTHER PROTECTIVE EQUIPMENT:

ENGINEERING CONTROLS: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

LEAK AND SPILL PROCEDURE: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with federal, provincial and local laws.

WASTE DISPOSAL: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult federal, provincial and local authorities for approved procedures.

STORAGE REQUIREMENTS: Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 50 Deg C.

HANDLING PROCEDURES:

HMIS HAZARD RATING INFORMATION

<u>FLAMMABILITY</u>	<u>REACTIVITY</u>	<u>HEALTH</u>
3	1	2

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been full trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage which may result from the use or reliance on any information contained in this form.

Preferred Industrial

#3160 – 21331 Gordon Way

Richmond, BC V6W 1J9

Phone: 604-231-6030