

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Clad SS

EFFECTIVE DATE: January 13, 2009

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: Stainless Steel Coating.

HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	%WT	TWA/TLV	LD 50	LC 50
Acetone	67-64-1	20-40	1000ppm	ND	ND
Toluol	108-88-3	20-40	100ppm	2500mg/kg Oral Rat	8000ppm Rat 4hr
Xylene (mix)	1330-20-7	05-10	100ppm	ND	ND
Ethyl Benzene	100-41-4	01-05	100ppm	ND	ND
Mineral Spirits	64742-47-8	01-05	100ppm	ND	ND
Propane	74-98-6	10-20	1000ppm	ND	ND
n-Butane	106-97-8	10-20	800ppm	ND	ND

PHYSICAL DATA

DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:

BOILING POINT: ~ -43°C

pH: N/A

SOLUBILITY IN WATER: Negligible

APPEARANCE/ODOR: Silver Grey Liquid / Solvent

DATA BELOW BASED ON TOTAL CONTENTS:

VAPOR PRESSURE OF CAN (PSIG @20°C): 55

TOTAL VOC %: ~ 58 %

VAPOR DENSITY(AIR=1): >1

SPECIFIC GRAVITY (H₂O=1)@22° C:0.77 - 0.90

FIRE AND EXPLOSION DATA

FLASH POINT (of Concentrate Only): ~ -19° C

FLAMMABILITY (as per Flame Projection Test): Flammable Spray

EXTINGUISHING MEDIA: Foam, CO₂, Dry Media

SPECIAL FIRE FIGHTING 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° C may cause bursting.

REACTIVITY DATA

STABILITY: Material Stable.

HAZARDOUS POLYMERIZATION: Will not Occur.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents,

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide

FIRST AID

EYES: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

SKIN: Wash with soap and water. If irritation persists seek medical attention.

INHALATION: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

INGESTION: Do not induce vomiting. Seek medical attention immediately.

TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

EYES: 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 passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

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

EFFECTS OF CHRONIC EXPOSURE:

CARCINOGENICITY: Not hazardous by WHMIS criteria.

REPRODUCTIVE TOXIN: N/D

TERATOGENICITY: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

PREVENTATIVE MEASURES

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

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

PROTECTIVE GLOVES: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

EYE PROTECTION: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

STEPS TO BE TAKE IN CASE OF SPILL OR LEAK: 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 METHOD: 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.

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 50°C . **NFPA Code 30B Rating:** Level 1 Aerosol

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE
<=LESS THAN - >=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
4	3	1	B

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

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 fully 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 that may result from the use or reliance on any information contained in this form.

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