

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: **PF 535 SPRAYABLE PAINT STRIPPER**

MANUFACTURED AND SUPPLIED BY: **Pro Form Products Ltd.
604 McGeachie Drive,
Milton, Ontario Canada, L9T 3Y5**

DATE PREPARED:
Tuesday, August 02, 2011

INFORMATION TELEPHONE NUMBER: **(800) 387-7981** CANUTEC EMERGENCY TELEPHONE NUMBER: **(613) 996-6666**

NFPA CODES: Health **3** PRODUCT USE: **Paint stripper** WHMIS CLASSIFICATION: **A, B5, D1A, D2A, D1B, D2B**
Flammability **4**
Instability **0**

SECTION 2 - HAZARDOUS INGREDIENTS

| % BY WT | C.A.S. # | INGREDIENT | VAPOUR PRESSURE @ 20C |
|---------|----------|--------------------|-------------------------------------------------|
| 40-70 | 75-09-2 | Methylene Chloride | 400 mmHg @24C |
| | | ACGIH TVL-TWA | 50 ppm |
| | | OSHA PEL-TWA | 25 ppm (8hr) |
| | | OSHA PEL-TWA | 125 ppm (acceptable maximum peak above ceiling) |
| | | LC50 (TVL) | 57,000 ppm |
| | | LD50 (ORAL) | 2,100 mg/kg |
| | | LC50 (DERMAL) | Not available |
| 15-40 | 67-56-1 | Methanol | 96 mmHg |
| | | ACGIH TVL-TWA | 200 ppm skin |
| | | ACGIH TVL-STEL | 250 ppm skin |
| | | OSHA PEL-TWA | 200 ppm skin |
| | | LC50 (TVL) | 64,000 ppm |
| | | LD50 (ORAL) | 5,628 mg/kg |
| | | LC50 (DERMAL) | 15,800 mg/kg |
| 7-13 | 74-98-6 | Propane | 8.42atm @21.1C |
| | | ACGIH TVL-TWA | 2,500 ppm |
| | | OSHA PEL-TWA | 1,000 ppm |
| | | LC50 (TVL) | Not available |
| | | LD50 (ORAL) | Not available |
| | | LC50 (DERMAL) | Not available |
| 7-13 | 75-28-5 | Isobutane | (3.1atm) @21.1C |
| | | ACGIH TVL-TWA | 800 ppm (butane) |
| | | OSHA PEL-TWA | Not available |
| | | LC50 (TVL) | 520,000 ppm (2hr-mouse) |
| | | LD50 (ORAL) | Not available |
| | | LC50 (DERMAL) | Not available |

SECTION 3 - PHYSICAL DATA

| | | | |
|-------------------|-----------------------------|-----------------------------|----------------------|
| BOILING POINT: | 40C (104F) - Liquid start | SPECIFIC GRAVITY: | 1.08 liquid |
| MELTING POINT: | Not Available | SOLUBILITY IN WATER: | Slightly |
| EVAPORATION RATE: | Faster than n-butyl acetate | VOLATILE ORGANIC COMPOUNDS: | 888 g/l 7.43 lbs/gal |
| VAPOUR DENSITY: | Heavier than air | VOLATILE VOLUME: | 98% |
| APPEARANCE: | Clear aerosol | | |

SECTION 4 - FIRE AND EXPLOSION DATA

FLASHPOINT: 11C (51.8F) Methanol METHOD USED: TAG closed cup FLAME EXTENSION: <15cm
LOWER FLAMMABLE LIMIT (% BY VOLUME): 6.0 UPPER FLAMMABLE LIMIT (% BY VOLUME): 36.0 Flashback: No

EXTINGUISHING METHOD: CARBON DIOXIDE FOAM FOG SPRAY
 DRY CHEMICAL WATER STREAM OTHER (SEE SPECIAL PROCEDURES)

SPECIAL FIREFIGHTING PROCEDURES:

Very flammable. Conditions to avoid; Ignition sources, excessive heat, open flame, sparks and electrostatic charge.

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers are contained under pressure and may explode if exposed to excess heat for a prolonged period of time.

SECTION 5 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Yes - Under the recommended storage and handling conditions prescribed.
INCOMPATIBLE SUBSTANCES: Aluminum and some other reactive metals and strong bases.
REACTIVITY: Not listed
HAZARDOUS DECOMPOSITION: By fire: Carbon monoxide, carbon dioxide and chlorine compounds.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6 - TOXICOLOGICAL AND HEALTH HAZARD DATA

ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

To minimize exposure, follow recommendations for proper use, as well as ventilation, and personal protective equipment in section 7.

SIGNS OF OVEREXPOSURE:

Swallowing even a small amount of this product may cause blindness and death. Overexposure to methylene chloride can raise the level of carbon monoxide in the blood. Headache, dizziness, nausea and loss of coordination are indications of excessive exposure to vapours or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

EFFECTS OF OVEREXPOSURE:

Irritation of eyes, skin, nose throat and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Cardiovascular problems may be aggravated by overexposure to methylene chloride.

| | | | |
|-----------------|-----------------------------------------------|---------------|-----------------------------------------------|
| CARCINOGENICITY | Possible-carcinogenic (Methylene chloride) | MUTAGENICITY | Possible-mutagenicity (Methylene chloride) |
| TERATOGENICITY | Possible-teratogenic (Methylene chloride) | SENSITIZATION | Non-sensitizing |

SECTION 7 - PRECAUTIONS AND PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Use supplied-air respiratory equipment as required. Respirators should be selected by and used following requirements found in OSHA's respirator standard for methylene chloride (29 CFR 1910.1052). Wear VITON or nitrile gloves. Wear safety glasses with un-perforated side shields.

OTHER PRECAUTIONS:

Intentional misuse by deliberately concentrating and inhaling vapours can be harmful or fatal.

ENGINEERING CONTROLS:

Use only with adequate ventilation. Do not puncture container. Avoid contact with skin and eyes. Avoid breathing vapour and spray mist. Wash hands after using. Keep away from heat, sparks and open flame. During use and until all vapours are gone; keep area ventilated - do not smoke - extinguish all flames, pilot lights and heaters - turn off stoves, electric tools and appliances and any other sources of ignition.

LEAK AND SPILL PROCEDURES:

Remove all sources of ignition. Ventilate the area. Do not use combustible materials such as sawdust as an absorbent. Remove with inert absorbent material.

WASTE DISPOSAL:

Do not incinerate. Depressurize container. Dispose of in accordance with local regulations

SPECIAL SHIPPING INSTRUCTIONS: AEROSOLS, Class 2.1 (6.1), UN1950

Under the TDG Clear Language Regulations Section 1.17 - this product meets the **Limited Quantity** exemption. Please refer to these regulations if shipping under this exemption.

SECTION 8 - FIRST AID TREATMENT

EYE CONTACT:

Flush eyes with gentle stream of water for at least 15 minutes. Get medical attention.

SKIN CONTACT:

Wash with soap and water

INHALATION:

Remove from exposure, restore breathing. Get medical attention.

ASPIRATION / INGESTION:

Do not induce vomiting. Get medical attention immediately.

NOTE:

In all cases see a physician if any problems persist.

SECTION 9 - PREPARED BY

MSDS DEPARTMENT - PRO FORM PRODUCTS LTD 1-800-387-7981 or info@proformproducts.com

DATE PREPARED: Tuesday, August 02, 2011

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