



Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario, L9T 3Y5  
Canada  
905-878-4990

**PRODUCT: 1008HD-16 HEAVY DUTY UNDERCOAT 16GAL**
**SECTION 01: Chemical product and company identification**

Product name..... 1008HD-16 HEAVY DUTY UNDERCOAT 16GAL  
 Manufactured for..... RUSFRE  
 604 McGeachie Drive  
 Milton  
 Ontario  
 L9T 3Y5  
 24 hour emergency number..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC) - IN THE UNITED STATES  
 CALL CHEMTREC 1-800-424-9300.  
 Recommended use and restrictions on use.. Rust proofing.  
 Chemical family..... Mixture.  
 Hazard rating  
 NFPA rating..... Health: 1 Fire: 2 Reactivity: 0 .  
 HMIS..... H: 1 F: 2 R: 0 .

**SECTION 02: Hazards identification**


Signal Word..... WARNING.  
 Hazard Classification..... Flammable Liquid 3. Eye Irritant 2.  
 Hazard Description..... H226 Flammable liquid and vapour. H319 Causes serious eye irritation.  
 Prevention..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233  
 Keep container tightly closed. P235 Keep cool. P240 Ground and bond container and  
 receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking  
 tools. P243 Take precautionary measures against static discharge. P271 Use only  
 outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

**SECTION 03: Composition/Information on Ingredients**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Asphalt	8052-42-4	40-70
Mineral Spirits	8052-41-3	10-30
Methanol	67-56-1	0.1-1.0

**SECTION 04: First aid measures**

Eye contact..... In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at  
 least 15 minutes. Obtain medical attention.  
 Skin contact..... Remove all contaminated clothing and immediately wash the exposed areas with copious  
 amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If  
 irritation persists, seek medical attention.  
 Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is  
 difficult, give oxygen, obtain medical attention.  
 Ingestion..... Do not induce vomiting. If ingestion is suspected, contact physician or poison control center  
 immediately. If spontaneous vomiting occurs have victim lean forward with head down to  
 prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious  
 person.  
 Additional information..... Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid  
 into the lungs producing chemical pneumonitis. In the event of an incident involving this  
 product ensure that medical authorities are provided a copy of this safety data sheet.

**PRODUCT: 1008HD-16 HEAVY DUTY UNDERCOAT 16GAL****SECTION 05: Fire fighting measures**

Suitable and unsuitable extinguishing media "Alcohol" foam, CO<sub>2</sub>, dry chemical. In cases of larger fires, water spray should be used.  
 Hazardous combustion products..... Oxides of carbon (CO, CO<sub>2</sub>).  
 Special fire fighting procedures..... Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Keep run-off water from entering sewers and other waterways. Dike for water control.

**SECTION 06: Accidental release measures**

Leak/spill..... Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).

**SECTION 07: Handling and storage**

Handling procedures..... Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.  
 Storage needs..... Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

**SECTION 08: Exposure controls / personal protection**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Asphalt	0.5 mg/cu m (Inhalable fraction) 8hr	Not established	Not established	Not established	5 mg/m <sup>3</sup>	15 minutes
Mineral Spirits	525 mg/m <sup>3</sup>	Not established	Not established	Not established	Not established	Not established
Methanol	200 ppm	250 ppm skin	200 ppm	Not established	200 ppm / STEL	250 ppm
Protective equipment						
Eye/type.....						Liquid chemical goggles.
Respiratory/type.....						Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
Gloves/ type.....						Chemical resistant gloves.
Clothing/type.....						Wear adequate protective clothes.
Footwear/type.....						Safety boots per local regulations.
Other/type.....						Emergency showers and eye wash stations should be available.
Appropriate engineering controls.....						Local exhaust at points of emission.
Exposure limits						

**SECTION 09: Physical and chemical properties**

Physical state..... Liquid.  
 Colour..... Black.  
 Odour..... Petroleum solvent odour.  
 Odour threshold (ppm)..... Not available.  
 Vapour pressure (mm Hg)..... Not available.  
 Vapour density (air=1)..... 4.7.  
 pH..... Not applicable.  
 Relative Density (Specific Gravity)..... 0.984 - 8.2 lb/USG.  
 Melting / Freezing point (deg C)..... Not Available.  
 Solubility..... Insoluble.  
 Initial boiling point / boiling range (deg C)..... 154C - 205C.  
 Evaporation rate..... 0.12 (n-Butyl Acetate = 1).  
 Flash point (deg C), method..... 40°C Closed cup.  
 Auto ignition temperature (deg C)..... Not available.  
 Upper flammable limit (% vol)..... 6.0.

**PRODUCT: 1008HD-16 HEAVY DUTY UNDERCOAT 16GAL****SECTION 09: Physical and chemical properties**

Lower flammable limit (% vol).....	0.9.
Coefficient of water/oil distribution.....	Not available.
% Volatile by volume.....	35.
VOC.....	344 g/L - 2.87 lb/USG.
Viscosity.....	6000 - 7000 cPs.

**SECTION 10: Stability and reactivity**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity .....	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Conditions to avoid.....	Keep away from heat. Incompatible with strong oxidizers.
Hazardous decomposition products.....	By fire: Dense black smoke. Oxides of carbon (CO,CO2).
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.

**SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Asphalt	>94.4 mg/cu m 4.5hr rat	>5000 mg/kg rat oral >2000 mg/kg rabbit dermal
Mineral Spirits	Not Available	Not Available
Methanol	128.2 mg/L, 4h rat	5,628 mg/kg rat oral 15,800 mg/kg rabbit dermal
Route of entry .....	Eye contact. Skin contact. Inhalation.	
Skin contact.....	Can cause moderate irritation, defatting and dermatitis.	
Skin absorption.....	May be harmful if absorbed through the skin.	
Eye contact.....	Can cause redness, irritation, tissue destruction.	
Inhalation (acute).....	Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness.	
Inhalation (chronic).....	Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties.	
Ingestion.....	Slightly toxic. May be harmful if swallowed. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin. Prolonged or repeated exposure may lead to allergic skin reactions. Prolonged or repeated exposure may result in skin sensitization. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal .	
Carcinogenicity of material.....	None known.	
Reproductive effects.....	No data. Methanol is listed on California's Proposition 65 as causing developmental toxicity.	
Toxicological Data		

**SECTION 12: Ecological information**

Environmental.....	Do not allow to enter waters, waste water or soil.
Persistence and degradability.....	Not available.

**SECTION 13: Disposal considerations**

Waste disposal.....	This material and its container must be disposed of as hazardous waste. Avoid release to the environment.
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**SECTION 14: Transport information**

TDG Classification.....	UN1999 - Tars, Liquid - Class 3 - Packing Group III - This product meets limited quantity exemption when shipped in containers less than 5 Litres.
IATA Classification (Air).....	UN1999 - Tars, liquid - Class 3 - Packing Group III .
IMDG Classification (Marine).....	UN1999 - Tars, Liquid - Class 3 - Packing Group III - EmS: F-E S-E.
Marine Pollutant.....	No.

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SECTION 15: Regulatory information

WHMIS 1988 classification..... B3, D2B.  
 CEPA status..... On Domestic Substances List (DSL).  
 OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.  
 SARA Title III  
 Section 302 - extremely hazardous substances ..... None.  
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.  
 Section 313..... Methanol.  
 EPA hazardous air pollutants (HAPS) ..... Methanol.  
 40CFR63  
 TSCA inventory status..... All components are listed.  
 California Proposition 65..... This product contains Methanol known to the State of California to cause developmental reproductive toxicity.

SECTION 16: Other information

Prepared by: ..... REGULATORY AFFAIRS.  
 Telephone number:..... (800) 387-7981.  
 Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.  
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