

# Varn International, Inc., a Flint Group Company

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For Health and Safety Questions call: (800) 336-VARN(8276)  
After Hours Emergency Health/Safety Questions: (800) 391-0698 Prosar (US/Canada)  
24 Hour Emergency Spill Contact call: (800) 424-9300 Chemtrec (US/Canada)

## Material Safety Data Sheet

### I. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PRESSLINE ULTIMATE GLAZE REMOVER  
**Product Code:** 650-B020093  
**MSDS Code:** MSD-B020093  
**Revision Number:** 1  
**Revision Date:** 2011-03-25 08:44:59

### II. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%
68410-97-9	Hydrotreated light distillate (naphtha)	30 - 60
67-64-1	Acetone	10 - 30
64-17-5	Ethanol	10 - 30
67-56-1	Methanol	0.5 - 1.5

Please see Section VIII for product and component exposure guidelines.

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

### III. HAZARDS IDENTIFICATION

**HMIS Rating**    **Health: 2**                      **Flammability: 3**                      **Reactivity: 0**

**This product falls under the following WHMIS class:**

D2B  
B2

**Routes of Entry:** Skin contact, Inhalation, Ingestion, Eye contact  
**Target Organs:** Respiratory Tract, Eyes, Blood, Liver, Skin, Central Nervous System, Digestive Tract  
**Medical Conditions Aggravated:** Respiratory disease including asthma and bronchitis, Eye disease, Liver disease, Skin disease including eczema and sensitization, Digestive tract disease

#### Immediate (Acute) Health Effects by Route of Exposure

**Inhalation:** Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage.  
**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.  
**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

**Ingestion:** Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Toxic if swallowed. May cause target organ failure and/or death. Aspiration of material into the lungs can cause chemical pneumonitis. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision.

**Long-Term (Chronic) Health Effects**

**Reproductive and Developmental:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Inhalation:** Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure.

**Skin Contact:** Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage

**Ingredients of this product appear on the following OSHA identified carcinogen lists at >= 0.1% by weight (yes/no):**

OSHA	No	NTP	No	IARC 1 & 2A	No	NIOSH	No
				IARC 2B	No		

**IV. FIRST-AID MEASURES**

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**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

**Eyes:** Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

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

**Ingestion:** Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.

**V. FIRE FIGHTING MEASURES**

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**Flammability Summary:** Flammable NFPA IB (NFPA description only; not to be used for shipping purposes)

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire. Dry chemical Carbon dioxide Alcohol foam Water fog

**Fire and/or Explosion Hazards:** Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion.

Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

Container may explode in heat of fire.

**Fire Fighting Methods and Protection:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use water spray/fog for cooling. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

**Hazardous Combustion Products:** Carbon dioxide  
Carbon monoxide

**Flash Point:** Less than 38 C (100F)  
**Tested by TAG Closed Cup** 1 deg F  
**Firepoint:** Firepoint not determined.

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## VI. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions and Equipment:** Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

**Methods for Clean-up:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

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## VII. HANDLING AND STORAGE

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**Product Use:** Press Wash  
**Handling Precautions:** Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment

**Storage Conditions:** Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition.

**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Measures:** Local exhaust ventilation may be necessary to control any air contaminants to within the TLV during the use of this product Explosion proof exhaust ventilation should be used. It is recommended that facilities storing or using this material be equipped with an eyewash and safety shower.

**Respiratory Protection:** Respiratory protection may be required in addition to ventilation depending upon conditions of use. Conduct air monitoring to determine if airborne concentrations exceed an applicable exposure limit. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

**Eye Protection:** Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene.

**Gloves:** Wear impervious material. Butyl rubber Neoprene

**Exposure Guidelines:**

CAS#	Chemical Name	OSHA Exposure Limits	ACGIH TLV - TWA	ACGIH STEL	IDLH
68410-97-9	Hydrotreated light distillate (naphtha)		No TLV	No STEL	Not on list
67-64-1	Acetone	1000 ppm TWA; 2400 mg/m3 TWA	500 ppm TWA	750 ppm STEL	Not on list
64-17-5	Ethanol	1000 PPM TWA; 1900 MG/M3 TWA	1000 PPM TWA; 1880 MG/M3 TWA	1000 ppm STEL	Not on list
67-56-1	Methanol	200 PPM TWA; 260 MG/M3 TWA	200 PPM TWA; 262 MG/M3 TWA	250 PPM STEL; 328 MG/M3 STEL	Not on list

If this product is provided in a dry powder state it should be considered a nuisance dust (PEL 10 mg/m3).

If the processing of this product produces a mist it should be considered to be an oil mist with a PEL of 5 mg/m3.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Petroleum or solvent
<b>Solubility in Water:</b>	Minimal; 1-9%
<b>Vapor Pressure (mmHg @ 20 deg. C):</b>	20
<b>Volatile Organic Chemicals % by wt:</b>	75.00
<b>VOC lb/gal</b>	4.75
<b>Specific Gravity:</b>	0.76
<b>Bulk Density (lbs/Gal):</b>	6.33

**Bulk Density (kg/L):** 0.76

## **X. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to Avoid:** Sparks, open flame, other ignition sources, and elevated temperatures.  
Elevated temperatures  
**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents. Strong acids  
**Hazardous Decomposition Products:** Carbon dioxide Carbon monoxide

## **XI. TOXICOLOGICAL INFORMATION**

### **Component Toxicology Data (NIOSH):**

<b>CAS#</b>	<b>Chemical Name</b>	<b>LD50/LC50</b>
68410-97-9	Hydrotreated light distillate (naphtha)	No data available
67-64-1	Acetone	ORAL, RAT: LD50 = 5800 MG/KG; INHALATION, RAT: LC50 = 50100 MG/M3/8H; ORAL, MOUSE: LD50 = 3 GM/KG
64-17-5	Ethanol	ORAL, RAT: LD50 = 7060 MG/KG; INHALATION, RAT: LC50 = 20000 PPM/10H; ORAL, MOUSE: LD50 = 3450 MG/KG
67-56-1	Methanol	INHALATION LC50 RAT: 64000 PPM/4H; ORAL LD50 RAT: 5628 MG/KG; ORAL LD50

## **XII. DISPOSAL CONSIDERATIONS**

**Waste Description for Spent Product:** Spent or discarded material may be a hazardous waste.  
**Disposal Methods:** Dispose in accordance with Federal, State, Provincial and Local regulations. Material may be compatible with industrial waste incineration or inclusion in a fuel blending program. This characterization is subject to approval by your waste management contractor. This material should be recycled if possible.

## **XIII. REGULATORY INFORMATION**

**TSCA Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

<b>Chemical Name</b>	<b>CAS #</b>	<b>Regulation</b>	<b>Percentage</b>
Acetone	67-64-1	CERCLA	25.00
Methanol	67-56-1	CERCLA	1.2
Ethyl alcohol	64-17-5	NPRI (Cdn)	23.8
Methanol	67-56-1	NPRI (Cdn)	1.2
Not on list		PROP 65	
Methanol	67-56-1	SARA 313	1.2
Not on list		SARA EHS	

**The following items require export notification for TSCA**

**Chemical Name**  
Not on list

**TSCA 12b list section**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains information required by the Controlled Products Regulations.

#### **XIV. TRANSPORTATION INFORMATION**

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<b>49CFR/TDG - Limited Quantity:</b>	LIMITED QUANTITY EXCEPTION MAY BE USED IF EACH INNER PACKAGING IS 0.3 GAL (1 L) OR LESS. ADD "LTD QTY" TO DESCRIPTION.
<b>49CFR/TDG - Non-bulk:</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (NAPHTHA, ACETONE), 3, PGII, ERG128
<b>49CFR/TDG - Bulk:</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (NAPHTHA, ACETONE), 3, PGII, ERG128
<b>IATA - Limited Quantity:</b>	LIMITED QUANTITY EXCEPTION MAY BE USED IF EACH INNER PACKAGING IS 0.3 GAL (1 L) OR LESS. ADD "LTD QTY" TO DESCRIPTION.
<b>IATA - Non-bulk:</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (NAPHTHA, ACETONE), 3, PGII, ERG128
<b>IMDG - Non-bulk:</b>	REGULATED. REFER TO BILL OF LADING.

#### **XV. ADDITIONAL INFORMATION**

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##### **References:**

**Disclaimer:** Varn International, Inc. a Flint Group Company has prepared this Material Safety Data Sheet ("MSDS") in compliance with 29 CFR 1910.1200, understands that its customers may use this MSDS to comply with that section, and believes that the data set forth herein are accurate as of the date hereof; however, this MSDS shall not constitute a warranty with respect thereto.