

MATERIAL SAFETY
DATA SHEET

Product Name: Work Zone Polyurethane Foam Cleaner
Product Code: GSCLNR (02007)

Section I - Company Information

Date Prepared: January 1, 2015

Company:	ICB Products 75 Chambers Drive, Unit 9 Ajax, Ontario, L1Z 1E1 Canada	Information Tel. No. (905) 619-0115 Emergency Tel. No. (905) 619-0115
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Generic Description: Product is a pressurized, flammable organic solvent. Container should not be heated above 49°C (120°F) to avoid excessive pressure build up. In case of health emergency, contact your local poison control centre.

Material usage: Cleaning solvent for uncured polyurethane foam.

Section II - Hazardous Chemical Ingredients/Identity Information

<u>Chemical Name (common names)</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
Acetone	67-64-1	60 - 100 %	N/A	N/A
N-Methyl Pyrrolidone	872-50-4	5 - 10 %	N/A	N/A
Carbon Dioxide (Compressed Gas)	124-38-9	5 - 10 %	N/A	N/A

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

Section III - Hazards Identification

Physical Hazards

Since the containers are pressurized, storage temperature should not exceed 120°F (49°C) in order to avoid excessive pressure build-up and possible container rupture. Due to high flammability, never use near sparks, flame or other sources of ignition.

Potential Health Effects

The primary adverse health effects of this material are related to an acute or chronic over exposure to Acetone. This material can be harmful or fatal if inhaled or ingested. Adequate ventilation should be provided to avoid exceeding the exposure limits of this material (See Section 8).

Entry Route: Effects of Overexposure

Inhalation: Repeated and prolonged exposure to organic solvents at or above levels producing beginning anesthetic effects, such as dizziness or lightheadedness, may cause physiological injury and should be avoided. Exposure to extremely high vapor concentrations can cause death. May irritate respiratory tract.

Skin: May be mildly irritating to skin. Continued exposure may lead to dermatitis condition, or drying of skin.

Eyes: Liquids and vapors are an irritant to the eyes, causing pain, lacrimation and general inflammation.

Section III - Hazards Identification, continued

Ingestion: May cause central nervous system depression. May cause irritation of mucous membranes with vomiting. If vomiting results in aspiration, chemical pneumonia could follow.

Section IV - First Aid Measures

Inhalation: Move to area of fresh air. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Eye Contact: Flush with clean water for at least 15 minutes and obtain medical attention.

Skin Contact: Wash affected area thoroughly with mild soap and water. Afterwards, a mild skin cream may be applied to irritated skin. If irritation persists, obtain medical attention.

Ingestion: Drink several glasses of water and seek immediate medical attention. Never give anything orally to an unconscious person. Do not induce vomiting.

Section V – Fire Fighting Measures

High temperatures will raise the pressure in the containers, which may lead to rupturing. Product is extremely flammable. Extinguishing media include: dry chemical, carbon dioxide, halon 1211, chemical foam, or water spray if used in large quantities. Wear self contained breathing apparatus to protect against toxic decomposition by-products, including CO and CO₂.

Section VI - Accidental Release Measures/Disposal Considerations

Provide ventilation and isolate area. Absorb spill with sawdust or vermiculite. Wash spill area, preventing run-off to drains, sewers, or waterways. Dispose of in accordance with all applicable federal, state, and local regulations. Materials used in cleaning up spill may be considered hazardous waste.

Before disposing of product container, relieve all remaining pressure and cleaning agent.

Section VII - Handling and Storage

Store in a cool, dry place. Ideal storage temperature is 60°F to 80°F (15.5°C to 26.6°C). Protect containers from physical abuse. Protect unused product from freezing.

Section VIII - Exposure Controls / Personal Protection

Read all product instructions before using. Personal protective equipment should include safety eyewear, chemical resistant gloves, and long sleeve work clothes. Adequate ventilation should also be employed so that vapor levels do not exceed recommended guidelines. If vapor levels are expected to exceed these guidelines, use self-contained breathing apparatus. Exercise good personal hygiene, wash thoroughly after each use.

<u>Exposure Guidelines</u>	<u>OSHA</u>	<u>ACGIH</u>
Acetone	750 ppm (PEL)	750 ppm TWA
N-Methyl Pyrrolidone	None Established	None Established
Carbon Dioxide	1000 ppm	5000 ppm

(None of the components in this material are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.)

Section IX - Physical and Chemical Properties

Physical Appearance:	Clear, thin liquid
Odour:	Solvent odor
Specific Gravity:	0.8 (H ₂ O = 1)
Boiling Point:	133°F to 396°F (56°C to 202°C)
Flash Point:	Based on Acetone 0°F (-17.7°C) (TCC)
Vapor Pressure:	Container is under pressure (greater than 50 psig (345 Kpa)) liquid vapor pressure approximately 125 mm Hg at 25°C (77°F).
Solubility in Water:	Negligible
Explosion Data:	Contents are not known to be sensitive to mechanical impact.

Section X - Stability and Reactivity Data

This product is considered stable under normal and anticipated storage and handling conditions. Do not store above 120°F (49°C). For longest shelf life, avoid storage above 80°F (26.6°C). Avoid alcohols, strong bases or amines and metal compounds (such as small particle metal catalysts), and reducing agents.

Section XI - Transportation Information

Shipping Information

Containers Less Than 1000 cu. cm. (1 liter), i.e. 12 oz.

<i>Ground</i>	Consumer Commodity ORM-D
<i>Air</i>	Aerosols, Flammable 2.1 UN 1950 (Flammable Gas Label)
<i>Water</i>	Aerosols, Flammable 2.1 UN 1950 (with a capacity of 1000 cu. cm. or less) (No Hazard Labels Required) Boxes or Cartons should be marked (Aerosols UN 1950) only. IMDG page # 2102
<i>Exceptions</i>	N/A
<i>Note</i>	Emergency Response Guide Numbers – Consumer Commodity # 171, for Aerosols # 126.

Section XII - Regulatory Information

Toxic Substances Control Act (TSCA)/Designated Substances List (DSL):

All ingredients are listed on the TSCA inventory, as well as the Canadian Designated Substances List.

SARA Title III:

Contains no materials subject to the reporting requirements of SARA Title III.

Proposition 65

Based on information currently available, this product is not known to contain any chemicals currently listed under California Proposition 65.

Section XVI - Other Information

NFPA: **Fire 3; Health 2; Reactivity 0**
HMIS: **Flammability 3; Health 2; Reactivity 0**

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