SECTION 1 : COMPANY AND PRODUCT IDENTIFICATION

Company: **Richelieu Hardware, Ltd.**
7900 Henri-Bourassa Blvd West
Montreal, Quebec H4S 1V4

Richelieu America Ltd
7021 Sterling Ponds Ct
Sterling Heights MI 48312

Emergency Contact Number: **Chemtrec 800-424-9300**
(within continental U.S.)
Chemtrec 703-527-3887
(outside U.S.)

Information Telephone Number: **800-361-6000**

Product Name R01323C, R01323R, R013124C, R013124R, R013252C, R013252R

Recommended Use: Adhesive

Date issued: 8/10/2017 VER Primary

SECTION 2 : HAZARDS IDENTIFICATION

Hazard Classifications: Acute Toxicity - Inhalation: Category 5
Skin Irritation: Category 3
Eye Damage: Category 2A
Flammable Liquid: Category 2
Extremely Flammable Aerosol: Category 1

GHS Signal Word: DANGER!

Pictograms:

Hazard Statements:
May cause respiratory irritation.
May cause mild skin irritation.
Causes serious eye irritation.
Highly flammable liquid and vapor.
Contains gas under pressure; may explode if heated

Precautionary Statements:
Keep away from heat/sparks/open flames/hot surfaces – no smoking.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Avoid release to the environment.
Use personal protective equipment as required.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.

Potential Health Effects

Principal Routes of Exposure		Inhalation, skin absorption, eye contact
Acute Effects		
	Eyes:	Contact with eyes may cause irritation. Direct contact with liquid or vapors may cause stinging, tearing, redness, swelling, and eye damage.
	Skin:	May cause skin irritation and/or dermatitis. Prolonged or repeated contact or exposure to vapors may cause redness, burning, and drying and cracking of the skin.
	Inhalation:	Breathing high concentrations of vapors may cause irritation of the nose and throat or signs of nervous system depression (i.e. – headache, nausea, drowsiness, dizziness, vomiting, loss of coordination and fatigue).
	Ingestion:	Ingestion may cause irritation of the digestive tract, nausea, vomiting, and signs of nervous system depression.
Chronic Effects		Avoid repeated exposure. May cause blood damage. Repeated contact may cause allergic reactions in very susceptible persons.
Aggravated Medical Conditions		Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure to this product.

SECTION 3 : COMPOSITION INFORMATION

Chemical Designation	CAS No.	% by Weight
Methyl acetate	79-20-9	50 - 75%
Carbon dioxide	124-38-9	1 - 7%
Liquefied petroleum gas	68476-86-8	1 - 7%
Dimethyl ether	115-10-6	1 - 7%

Any remaining ingredients should be considered a proprietary blend of non-hazardous substances, or materials below threshold reporting limits.

SECTION 4 : FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance
Eyes:	Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention.
Skin:	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash affected areas thoroughly with mild soap. If skin irritation persists, get immediate medical attention.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get immediate medical attention.
Ingestion:	Do not induce vomiting – seek immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration.
Notes to Physician	Treat symptomatically

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media:	Carbon dioxide, dry chemicals, foam. Water may be helpful in keeping adjacent containers cool; avoid spreading the liquid with water used for cooling. Water-based sprinkler systems may help contain larger fires.
Specific Hazards arising from the Chemical	Closed containers may rupture if exposed to fire or extreme heat. May produce toxic fumes if burning.
Special protective Equipment:	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Remove all sources of ignition.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Methods for Clean-up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.
Other Information	None known

SECTION 7 : HANDLING & STORAGE

Handling:	Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.
Storage:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from extremes of heat or cold. Keep in properly labeled containers.

SECTION 8 :EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Hazardous Components	OSHA PEL	ACGIH TLV
Methyl acetate	200	200
Carbon dioxide	5000	5000
Liquefied petroleum gas	Not established	1000
Dimethyl ether	Not established	1000

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eyes/Face:	Safety goggles or glasses, or full face shield.
Skin:	Protective gloves and impervious clothing.
Respiratory Protection:	In operations where exposure limits are exceeded, use a NIOSH-approved respirator that has been selected by a technically qualified person for the specific work conditions.

Hygiene Practices: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using, do not eat, drink or smoke.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber-colored liquid, Red-colored liquid.
Odor:	Solvent odor.
Odor Threshold	No data
VOC (g/L)	24
VOC (g/L) less exempt & water	37
Non-volatile (wt%)	32.81
Specific Gravity (g/l)	0.923
Bulk Density (lb/gal):	7.69
Solubility in Water	Insoluble
pH	Not available
Viscosity	Not available
Evaporation rate :	Faster than nBuAc
Vapor Pressure (mmHg):	Not available
Vapor Density :	Heavier than air
Boiling Point:	-24.0°F [-31.1°C]
Freezing/Melting Point:	Not Determined
Flammability (solids):	No data
Partition Coefficient (n-octonal/water)	No data
Auto-ignition Temp:	No data
Decomposition Temp:	No data
Explosive Properties:	No data
Oxidizing Properties:	No data
Flash Point:	-156.0°F [-104.4°C]
Flammable Limits:	Lower: 2.91 ; Upper: 15.0

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions. Hazardous polymerization does not occur.
Conditions to Avoid:	Keep away from open flames, hot surfaces, static electricity and sources of ignition. Avoid extremes of heat or cold.
Materials to Avoid:	Incompatible with strong acids and bases, alkali metals, halogens, and strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide, smoke, and other unidentified organic compounds may be formed during combustion.
Possibility of Hazardous Reactions:	None under normal conditions of use.

SECTION 11 : TOXICOLOGICAL INFORMATION

Reproductive Toxicity:	No data	Acute Toxicity:	No data
Mutagenicity:	No data	Irritation:	No data
STOT-single exposure:	No data	Corrosivity:	No data

STOT-repeated exposure:	No data	Sensitisation:	No data
Aspiration Hazard:	No data	Typical Routes of Entry:	Inhalation, skin absorption, eye contact

Chronic Toxicity / Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

Component	IARC	NTP	OSHA

SECTION 12 : ECOLOGICAL INFORMATION

Aquatic Toxicity:	Acute and prolonged Toxicity to Fish:	No data
	Acute Toxicity to Aquatic Invertebrates:	No data
	Environmental Fate and Pathways:	No data
Persistence and Degradability:	No data	
Bioaccumulative Potential:	No data	
Mobility in Soil:	No data	
Other Adverse Effects:	No data	

SECTION 13 : DISPOSAL CONSIDERATION

Waste Disposal Method	Dispose of in accordance with all applicable local, state, and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

SECTION 14 : TRANSPORT INFORMATION

REGULATION		DESCRIPTION
DOT		
	Proper Shipping Name	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.
	Hazard Class	2.1
	UN-No	UN3501
	Packing Group	

Pictograms:

ICAO / IATA	Contact the preparer for further information.
IMDG/IMO	Contact the preparer for further information.

SECTION 15 : REGULATORY INFORMATION

US TSCA: Yes – All components are listed or exempt

OSHA Regulatory Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SARA 313

Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Designation	Cas No.	Weight %

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

Chemical Designation	Cas No.	Weight %

State Regulations

California Proposition 65

This product contains the following substance(s) known to the state of California to cause cancer or reproductive harm:

Chemical Name	CAS Number

SECTION 16 : OTHER INFORMATION

NFPA is a Health, Flammability and Reactivity rating: **130B**

4 – SEVERE HAZARD, **3** – SERIOUS HAZARD, **2** – MODERATE HAZARD, **1** – SLIGHT HAZARD, **0** – MINIMAL HAZARD, ***** – Chronic Hazard

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy his self that the product is entirely suitable for his purposes.

******* END OF SAFETY DATA SHEET *******