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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: 00112 O-RING SPLICING KIT PART 1
Item No: 151030B
Product Type: Solvent Cleaner

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
N-METHYL-2-PYRROLIDONE 872-50-4	40-70	3598 mg/kg	3.1 mg/L/4H	
BUTYROLACTONE 96-48-0	40-70	1540 mg/kg	>2.68 mg/L/4H	

III. PHYSICAL DATA

Physical State/Appearance: Clear liquid
Odour & Odour Threshold: Sweet
Specific Gravity: 1.07
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: 0.29 mmHg @ 20°
Vapour Density: Not determined
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 205°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam
Hazardous Combustion Products: Oxides of carbon, Oxides of nitrogen
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected
Conditions of Flammability: Vapours are heavier than air and may travel or be moved along the ground to an ignition source.
Flash Point/Range: 93°C TCC
Autoignition Temperature: Not determined
Upper Explosive Limit: 9.5%
Lower Explosive Limit: 1.3%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable
Materials to avoid: Strong oxidizing agents
Conditions of Reactivity: High temperatures
Hazardous Decomposition Products: Carbon oxides, Oxides of nitrogen

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: None known
Toxicity Information: (See Effects of Acute Exposure to Product)
Effects of Acute Exposure: Causes severe eye irritation. May cause slight to mild irritation to skin. Inhalation causes irritation to the nose and respiratory tract. Ingestion causes irritation to the mouth, throat and stomach.
Effects of Chronic Exposure: None known.
Irritancy of Product: Eye irritation may be severe. Overexposure may cause eye or respiratory system irritation; headache, nausea, dizziness, weakness, fatigue, unconsciousness, vomiting, diarrhea, eye redness, tearing, blurred vision.
Sensitization to Product: (See Effects of Acute Exposure to Product)
Carcinogenicity: (See Effects of Chronic Exposure to Product)

VI. HAZARDS IDENTIFICATION

Reproductive Toxicity: (See Effects of Chronic Exposure to Product)
Teratogenicity: (See Effects of Chronic Exposure to Product)
Mutagenicity: (See Effects of Chronic Exposure to Product)
Toxicologically Synergistic Products: None known
WHMIS Hazard Class: B3 COMBUSTIBLE LIQUIDS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.
Skin: Neoprene or nitrile gloves recommended.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Engineering Controls:

In case of insufficient ventilation, wear an organic vapor respirator.

Spill Procedures:

Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Protection of Man and Environment:

Follow Canadian and local regulations for disposal.

Handling Procedures and Equipment:

Store away from heat, sparks and open flame. Store at temperatures below 50°C. Use with adequate ventilation. Avoid breathing vapours. Wear all appropriate personal protective equipment.

Special Handling Information:

Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Do not use for prolonged periods in confined area without adequate ventilation.

VIII. FIRST AID MEASURES

Ingestion:

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin Contact:

Wash off with soap and water. If skin irritation persists, call a physician.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Not Regulated
Hazard Class: None
UN/ID No: None

IATA

Proper Shipping Name: Not regulated
Class or Division: None
UN/ID Number: None

IMDG

Proper Shipping: Not regulated
Hazard Class: None
UN Number: None

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 2, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0
NFPA is a registered trademark of the National Fire Protection Assn.

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Company:

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