

MATERIAL SAFETY DATA SHEET – 16 Sections

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #0205 Seam Seal			[WHMIS Classification]	
Product Use Nylon Tent Repair Kit				
Manufacturer's Name		Supplier's Name Coghlan's Ltd.		
Street Address		Street Address 121 Irene Street		
City	Province	City Winnipeg	Province Manitoba	
Postal Code	Emergency Telephone	Postal Code R3T 4C7	Emergency Telephone 1-877-264-4526	
Date MSDS Revised: February 1, 2010	MSDS Prepared By		Phone Number (204) 284-9550	

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ of Ingredient (specify species and route)	LC ₅₀ of Ingredient (specify species)
Polyurethane Resin	16%~20%			
Methyl Ethyl Ketone	65%~72%	78-93-3		
Ethyl Acetate	7%~10%	141-78-6		
Acetone	5%~6%	067-64-1		

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview] Should seek immediate medical treatment if any problems with above.
[WHMIS Symbols]
[Potential Health Effects] Skin: May cause mild skin irritation.
Eyes: Causes severe eye irritation.
Inhalation: May be harmful if inhaled. Vapor may cause irritation of nose, throat and lungs.
Ingestion: Harmful if swallowed.

SECTION 4 – FIRST AID MEASURES

Skin Contact Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist.
Eye Contact Remove contact lenses. Flush with plenty of water or saline for 15 minutes. Get medical aid.
Inhalation Remove to fresh air.
Ingestion If swallowed, do not induce vomiting and call a physician immediately.

[Optional, not required under WHMIS]

SECTION 5 – FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, under which conditions? Will burn if involved in a fire.	
Extinguishing Media Use dry chemical powder, carbon dioxide, or chemical foams.		
Flashpoint (°C) and Method -5°C~10°C	Upper Flammable Limit (% by volume) Flash Point (open cup) -5°C~10°C	Lower Flammable Limit (% by volume) 2.6%~11.5%
Autoignition Temperature (°C) 375°C	Explosion Data – Sensitivity to Impact Unknown	Explosion Data – Sensitivity to Static Discharge Unknown
Hazardous Combustion Products Vapors may form an explosive mixture with air. Vapors can travel to source of ignition and flash back.		
[NFPA]		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up residue with paper towels and place in a container. Wash spill area with soap and water.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment Operating Temperature: 40°C-10°C. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not ingest or inhale. Prevent from breathing of vapor or swallowing it. Use only in well ventilated area and do not expose container to heat or flame.
Storage Requirements Flammable – keep away from sources of ignition. No smoking. Keep away from children. Store in a cool, dry, well ventilated area. Storage temperature: Max 40°C, Min. 5°C and indoor.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits. Avoid contact with skin and eyes and the inhalation of vapor. Change contaminated or soaked clothing. Wash hands before breaks and at end of work.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Respiratory protection required in insufficiently ventilated working area. Hand protection.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Ketone Odor Fluorescent-transparent	Odour Threshold (ppm) TWA/STE/CEILING 200 ppm
Specific Gravity 0.8~0.9	Vapour Density (air=1) 2.0-2.3	Vapour Pressure (mmHg) 77.5/20°C
Evaporation Rate 1.0~1.2	Boiling Point (°C) 70 - 80	Freezing Point (°C)
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones?
Stable at normal temperatures and pressures. Conditions to avoid: Temperatures over 40°C, ignition sources, and		
incompatible materials.		
Reactivity, and under what conditions?		
Hazardous Decomposition Products		

SECTION 11– TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Evaporation of solvents may cause irritation to eyes and mucous membranes. Solvents may degrease the skin. Prolonged	
skin contact may cause dermatitis. May cause allergic reaction in some individuals. Harmful or fatal if snuffed, or	
swallowed.	
Effects of Chronic Exposure	
Health injuries are not known or expected under normal use.	
Irritancy of Product Harmful if swallowed. Causes severe eye irritation. Mild skin irritation. May be harmful if inhaled. Vapor may cause irritation of nose, throat and lungs.	
Skin Sensitization	Respiratory Sensitization Immediately remove from exposure to fresh air.
Carcinogenicity – IARC	Carcinogenicity – ACGIH
Reproductive Toxicity	Teratogenicity
Embryotoxicity	Mutagenicity
Name of Synergistic Products/Effects	

Product Identifier

#0205 Seam Seal

Page 4

SECTION 12 – ECOLOGICAL INFORMATION

[Aquatic Toxicity]

Avoid runoff into storms and sewers which lead into waterways. Slightly water contaminating. Do not flush into surface

water or sanitary sewer system. Waste from residues/unused products can be incinerated, when in compliance with the

Environment Protection Act 1900 (Process Guidance Note IPR 5/1).

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of in accordance with all local, provincial, state, and federal regulations. Empty container may contain explosive

vapors. Do not cut, puncture or weld. Steps to be taken in case material is released or spilled: Absorb with dry sand or

or other inert material then transfer to suitable container.

SECTION 14 – TRANSPORT INFORMATION

Special Shipping Information

UN1993, Class 3, PG II

Keep away from foodstuffs, acids and alkalis. Keep between 5°C and 40°C.

PIN

Consumer Commodity

TDG [DOT]
Methyl ethyl ketone, ethyl acetate, acetone

[IMO] [ICAO]

SECTION 15 – REGULATORY INFORMATION

[WHMIS Classification]

[OSHA]

[SERA]

[TSCA]

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

SECTION 16 – OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is only to

describe the product. The data does not signify any warranty with regard to the products' properties.