

MATERIAL SAFETY DATA SHEET - 16 Sections

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #860BP-C Rubber/Plastic Cement		[WHMIS Classification]	
Product Use #860BP Rubber 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, 2012	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)
Petroleum Ether	87.5%	8032932-4	40 mg/kg	3,400 mg/kg
Toluene	5%	108-88-3	636 mg/kg; (oral, rat)	49g/m3/4H; (inhaled, rat)

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] Flammable solvent and vapor. Vapor may cause flash fire. Harmful if swallowed or absorbed through the skin. Cause irritation to skin, eyes, respiratory tract. Affects central nervous system by overexposure.					
[WHMIS Symbols]					
WHMIS	NFPA	HAZARD RATING			
HEALTH: 2	2	0 - MINIMAL			
FLAMMABILITY: 3	3	1 - SLIGHT			
REACTIVITY: 0	1	2 - MODERATE			
PROTECTIVE		3 - SERIOUS			
EQUIPMENT: B - H		4 - SEVERE			
B = Eye, Hand/Skin (for normal solvent-welding/spill clean-up activities) H = Eye, Hand/Skin, Respiratory Protection and Impermeable Apron (splash/immersion risks)					
[Potential Health Effects]					
Eyes: Causes severe eye irritation.					
Skin: May cause mild skin 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 Immediately remove from exposure to fresh air.
Ingestion If swallowed, do NOT induce vomiting and call a physician immediately.

[Optional, not required under WHMIS]

Product Identifier

#860BP-C Rubber/Plastic Cement for Rubber Repair Kit

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. Vapors may form an explosive mixture with air. Vapors can travel to source of ignition and flash back.
Means of Extinction Use dry chemical powder, carbon dioxide, or chemical foams.		
Flashpoint (°C) and Method -10°C Close cup	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact	Explosion Data – Sensitivity to Static Discharge
Hazardous Combustion Products		
[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 towel and place in container. Wash spill area with soap and water.
Absorb with dry sand or other inert material then transfer to suitable container. Should follow all regulations or use an authorized waste collector in your area.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment Avoid breathing vapors. Use only in well-ventilated area and do not expose container to heat or flame. Do not dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring materials. Do not get in eyes, on skin, or on clothing. Wash thoroughly after use. Wash contaminated clothing prior to re-use.
Operating temperature: 40°C - 10°C
Use working methods according to operating instructions.
Storage Requirements Flammable. Store in a cool, dry, well-ventilated area. Keep away from sources of ignition, caustics and oxidizers, heat, spark and flame. No smoking. Storage Temperature: Max. 40°C, Min 5°C and indoor Keep away from children

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. Personal Protection: Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Hand Protection: 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.			
Inhalation: Respiratory protection required in insufficiently ventilated working area.			
Personal Protective Equipment			
<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Footwear
<input type="checkbox"/> Clothing	<input type="checkbox"/> Other		
If checked, please specify type			

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Viscous Liquid	Odour and Appearance Petroleum Odor, semi-transparent yellow	Odour Threshold (ppm)
Specific Gravity	Vapour Density (air=1) 0.7118g/cm ³	Vapour Pressure (mmHg) 20°C
Evaporation Rate (Eac=1) 92.26%	Boiling Point (°C) 90.1°C	Freezing Point (°C)
pH 7	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 checked="" type="checkbox"/> No	If yes, which ones?
Reactivity, and under what conditions? Stable at normal temperatures and pressures under ordinary conditions of use and storage.	
Conditions to avoid: Temperatures over 40°C, flame, ignition sources, and incompatible materials.	
Hazardous Decomposition Products Polymerization: Will not occur under normal condition.	

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.	
Further information: Health injuries are not known or expected under normal use.	
Effects of Chronic Exposure	
Irritancy of Product	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity – IARC	Carcinogenicity – ACGIH
Reproductive Toxicity	Teratogenicity
Embryotoxicity	Mutagenicity
Name of Synergistic Products/Effects	

SECTION 12 – ECOLOGICAL INFORMATION

[Aquatic Toxicity]

When released to soil or water, this material may biodegrade to a moderate extent. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals. Expected. This material is not to significantly bioaccumulate. Avoid runoff into storms and sewers which lead into waterways. Do not flush into surface water or sanitary sewer system. Waste from residues/unused products.

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 on or nearby. Steps to be taken in case material is released or spilled: Absorb with dry sand or other inert material, then transfer to suitable container. Should follow all regulation or an authorized waste collector in your country.

SECTION 14 – TRANSPORT INFORMATION

Special Shipping Information

UN 1133

PIN

TDG

[DOT]

[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

This material safety data sheet is provided as an information resource only, and correct to the best of our knowledge, information and belief at the date of its publication given it is designed only as guidance for safe handling, use, processing, storage, and transportation. The information contained or disposal and release is not to be considered a warranty or quality specification. Before any product is used, the label should be carefully read and the current safety literature and information consulted.