MATERIAL SAFETY DATA SHEET – 16 Sections

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #860BP-USA 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 01, 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)
*Methyl Ethyl Ketone		78-93-3		
*Hexane		110-54-3		
*Toluene		108-88-3		
Petroleum Distillate		64742-89-8		
*This chemical is subject to reporting requirements of SARA Title III Section 313				

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry [x] Skin Contact [x] Skin Absorption [x] Eye Contact [x] Inhalation [ ] Ingestion

[Emergency Overview]
Vapors are intoxicating, narcotic, and irritating to the mucous membranes of the lungs.

[WHMIS Symbols]

SECTION 4 – FIRST AID MEASURES

Skin Contact
Wash with soap and water. Remove contaminated clothing.

Eye Contact
Flush thoroughly with large amounts of water for 15 minutes.

Inhalation
Remove to fresh air.

Ingestion
Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention.

[Optional, not required under WHMIS]

SECTION 5 – FIRE FIGHTING MEASURES

Flammable	If yes, under which conditions?
[x] Yes [ ] No	Exposure to sources of ignition

Means of Extinction
Carbon dioxide or dry chemical, or foam. Direct extinguisher at base of flames.

Flashpoint (°C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
-15.5ºC TCC	7.5%	1%
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact	Explosion Data – Sensitivity to Static Discharge

Hazardous Combustion Products
Carbon dioxide, carbon monoxide, various hydrocarbons.

[NFPA]
2-3-0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources, flames, pilot lights and turn off electric motors. Absorb liquid on rags or paper towels and remove to outdoors. Ventilate area.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment
Avoid contact with skin, eyes and the inhalation of vapor. Do not use near heat, sparks or flame. Use non-sparking tools.

Storage Requirements
Store in a cool area away from pilot lights and ignition sources. Keep containers closed when not in use.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits
50 ACGIH TLV | 50 OSHA PEL | [ ] Other (specify)

Specific Engineering Controls *(such as ventilation, enclosed process)*

Use NIOSH approved respirator if TLV exposure limits are exceeded. Open doors and windows and use in well ventilated area. Use mechanical exhaust if necessary to maintain exposure below TLV.

Personal Protective Equipment
[x] Gloves [ ] Respirator [x] Eye [ ] Footwear [ ] Clothing [ ] Other

If checked, please specify type
Gloves – Use rubber gloves if excessive skin contact may occur. Eyes – Wear glasses or safety goggles if splashing of product is likely. Wash hands thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Ether-like odor, semi-transparent	Odour Threshold (ppm)
Specific Gravity .73	Vapour Density (air=1) 3	Vapour Pressure (mmHg) 20ºC 60
Evaporation Rate (Eac=1) 3.0	Boiling Point (°C) 151ºF/66ºC	Freezing Point (°C)
Viscosity (@ 30◦C) 150Centipoise	Coefficient of Water/Oil Distribution	[Solubility in Water] Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability [x] Yes [ ] No	If no, under which conditions?
Incompatibility with Other Substances [x] Yes [ ] No	If yes, which ones? Strong oxidizing agents.
Reactivity, and under what conditions?	
Hazardous Decomposition Products Carbon dioxide, carbon monoxide.	

SECTION 11– TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Breathing – Excessive inhalation can cause nasal and respiratory irritation and central nervous system effects.	
Skin – Prolonged and repeated exposure to n-hexane may damage nerve tissue (that of the arms and legs) and result in	
muscular weakness and loss of sensation in the extremities. Eyes – Causes irritation, burns if not removed.	
Effects of Chronic Exposure Chronic overexposure has apparently been found to cause the following effects in lab animals: liver abnormalities,	
kidney, lung, brain and spleen damage.	
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]

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of in accordance with local, state and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Special Shipping Information UN: 1133, Grp. III, Hazard Class: 3.0	
Only need ORM- Consumer Commodity sticker	PIN
TDG	[DOT] Ground transportation
[IMO]	[ICAO]

SECTION 15 – REGULATORY INFORMATION

This product contains Toluene which is known to the State of California to cause birth defects or other reproductive harm.	[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.