

MATERIAL SAFETY DATA SHEET – 16 Sections

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #8607 Fire Paste			[WHMIS Classification]	
Product Use				
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 January 10, 2011	MSDS Prepared By Coghlan's Ltd.		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)
Aliphatic Hydrocarbon	85-88	64742-48-9	LD50, rat, NA	LC50, rat, 4hr, NA
Denatured Ethyl Alcohol	1.5-2.5	64-17-5	LD50, rat, NA	LC50, rat, 4hr, 8000ppm
Organophilic Clay	7.5-9.5	71011-27-3	LD50, rat, 20,000mg/kg	LC50, rat, 4hr, NA

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
[Emergency Overview]					
[WHMIS Symbols]					
[Potential Health Effects]					
EYES: Can cause irritation, redness, tearing, blurred vision.					
SKIN: Prolonged or repeated exposure may cause irritation.					
INHALATION: Irritation of the upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness. Extreme exposure may result in unconsciousness and possible death.					
SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors. Redness and itching or burning sensation may indicate eye or excessive skin exposure.					

SECTION 4 – FIRST AID MEASURES

Skin Contact Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye Contact Flush with large amounts of water for 15 minutes. Get medical attention.
Inhalation If affected, remove from exposure. Restore breathing. Keep warm and quiet.
Ingestion Do not induce vomiting. Get medical attention immediately. Note: Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal.

[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?
Extinguishing Media Carbon Dioxide, Dry Chemical, Alcohol Foam.			
Flashpoint (°C) and Method 120°F (TCC ASTM D56)	Upper Flammable Limit (% by volume) 5.4	Lower Flammable Limit (% by volume) 0.7	
Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact	Explosion Data – Sensitivity to Static Discharge	
Hazardous Combustion Products None known.			
[NFPA]			

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Remove all sources of ignition. Prevent additional discharge of material. Ventilate the area. Remove with inert absorbent. Do not use materials such as sawdust. If rags are used to clean up spill, soak rags and waste immediately after use in water-filled, closed metal container, far away from any combustible material and separated by bricks or other non-combustible spacers; dispose of all contaminated materials and waste properly and in accordance with Federal, State/Provincial, and local regulations.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment Use with adequate ventilation. Avoid prolonged or repeated contact with skin.
Storage Requirements Contents are flammable. Keep away from heat, sparks and open flame. During use and until all vapors are gone: Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition. Do not take internally. Keep out of the reach of 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 only with adequate ventilation. For exterior and interior use only. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing vapor and wash hands after using.			
Personal Protective Equipment	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Respirator	<input checked="" type="checkbox"/> Eye
	<input type="checkbox"/> Footwear	<input type="checkbox"/> Clothing	<input type="checkbox"/> Other
Respiratory Protection: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2			
Protective Gloves: Wear gloves which are recommended by glove supplier for protection against materials in Section 2.			
Eye Protection: Wear safety spectacles with un-perforated side shields.			

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Slight pink color.	Odour and Appearance Slight aromatic odor.	Odour Threshold (ppm)
Specific Gravity Not determined	Vapour Density (air=1) Heavier than air	Vapour Pressure (mmHg) Not determined
Evaporation Rate Slower than ether	Boiling Point (°C) 80°C 176°F	Freezing Point (°C) Not determined
pH NA	Coefficient of Water/Oil Distribution	[Solubility in Water] Not available

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?
Hazardous Polymerization: Will not occur.	
Reactivity, and under what conditions?	
Hazardous Decomposition Products By Fire: Carbon Dioxide, Carbon Monoxide.	

SECTION 11– TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Effects of Chronic Exposure No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.	
Irritancy of Product Severe irritation of the nose, eyes, and throat. Headache, nausea, and vomiting would be caused by inhalation.	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity – IARC None	Carcinogenicity – ACGIH None
Reproductive Toxicity	Teratogenicity
Embryotoxicity	Mutagenicity
Name of Synergistic Products/Effects	

SECTION 12 – ECOLOGICAL INFORMATION

[Aquatic Toxicity]

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery ACT (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility.

Dispose of in accordance with Federal, State/Provincial, and local regulations.

SECTION 14 – TRANSPORT INFORMATION

Special Shipping Information

Class 3, Packing Group III UN# 1268

PIN

TDG

[DOT]

ORM-D Consumer commodity exemption for packages under 7.5 gallon.

[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.