

MATERIAL SAFETY DATA SHEET - 16 Sections

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #7940 Fire Sticks			[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 February 01, 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)
Common Name: Paraffin Wax				
Chemical Family: Petroleum Hydrocarbons				
No hazardous components present				

SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview] Molten material will cause serious skin burns. Normal combustion forms carbon dioxide. Incomplete combustion may produce carbon monoxide.
[WHMIS Symbols]
[Potential Health Effects] No significant adverse health effects are expected to occur upon short-term exposure.

SECTION 4 - FIRST AID MEASURES

Skin Contact Molten material will cause serious skin burns. Do not attempt to remove. Cool area ASAP. Seek medical attention.
Eye Contact If hot material gets into eyes, cool as rapidly as possible and seek medical attention immediately.
Inhalation Possible smoke/fume inhalation when hot.
Ingestion No significant adverse health effects are expected to occur upon short-term exposure.

[Optional, not required under WHMIS]

SECTION 5 – FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?
Means of Extinction Water spray, dry chemical, foam, or CO ₂ . Wear proper respiratory protection.		
Flashpoint (°C) and Method 405° F Cleveland Open 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 Products of combustion may contain carbon monoxide, carbon dioxide, and/or other toxic materials.		
[NFPA]		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Product will solidify upon cooling. Sweep up spilled material and place in suitable containers for recycle or disposal.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment
Storage Requirements Store in a cool dry environment. Keep containers closed. Keep away from heat and open flame.

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)
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
If checked, please specify type If entering confined spaces, self-contained breathing equipment recommended. Protective gloves should be worn when handling molten product. Safety goggles should be worn when handling molten product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid wax impregnated wood pulp.	Odour and Appearance Colorless when liquid, Opaque when solid. No odor.	Odour Threshold (ppm)
Specific Gravity 0.82	Vapour Density (air=1)	Vapour Pressure (mmHg) Less than 0.01 mm
Evaporation Rate	Boiling Point (°C) 600°F	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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidants.
Avoid strong oxidants.	
Reactivity, and under what conditions?	
Hazardous Decomposition Products Normal combustion forms carbon dioxide and incomplete combustion may produce carbon monoxide.	

SECTION 11– TOXICOLOGICAL INFORMATION

Effects of Acute Exposure With molten material, burns to the skin will result and possible irritation of the eyes and breathing passages from smoke and fumes.	
Effects of Chronic Exposure	
Irritancy of Product	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity – IARC None present	Carcinogenicity – ACGIH
Reproductive Toxicity	Teratogenicity
Embryotoxicity	Mutagenicity
Name of Synergistic Products/Effects	

SECTION 12 - ECOLOGICAL INFORMATION

[Aquatic Toxicity]

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal In accordance with local, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information Non regulated	
	PIN
TDG	[DOT]
[IMO]	[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification]	[OSHA]
[SERA]	[TSCA]
<i>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.</i>	

SECTION 16 - OTHER INFORMATION

<p>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.</p>