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**MATERIAL SAFETY
DATA SHEET**
Date 9/93
Emergency Telephone # (812) 522-2900

Seymour Manufacturing Co., Inc.
500 North Broadway
Seymour, IN 47274
1-800-457-1909

SECTION 1. MATERIAL IDENTIFICATION

Product Name: Seymour Solid Fire Starter

Manufacturer
Seymour Manufacturing Co., Inc.
500 N. Broadway
Seymour, IN 47274

Contact for further information
MSDS Coordinator
800-457-1909
Fax 812-522-6109
Telex 276253

SECTION 2. INGREDIENTS AND HAZARDS

	%		Exposure Limits
Wood Fiber (use of these products may create wood dust)	less than 98	OSHA TWA: 5 mg/m3 (for all wood dusts STEL: 10 mg/m3 except Western Red Cedar)	
		ACGIH TLV-TWA: 5 mg/m3 (softwoods) STEL: 10 mg/m3 (softwoods) TLV-TWA: 1 mg/m3 (hardwoods)	
Paraffin Wax (CAS 8002-74-2)	Trade Secret	TWA 2 mg/m3 (fumes)	
Clay (CAS 1332-58-7)	Trade Secret	TLV 10 mg/m3	
Titanium Dioxide (CAS 13463-67-7)	Trade Secret	TLV 10 mg/m3 PEL 10 mg/m3 - Total 5 mg/m3 - Respirable	
Calcium Carbonate (CAS 00471-34-1)	Trade Secret	TLV 10 mg/m3 PEL 15 mg/m3 - Total 5 mg/m3 - Respirable	
Talc - Non Fibrous (CAS 14807-96-6)	0 - 3	PEL 20 mg/m3 TLV 2 mg/m3 - Respirable	
Vegetable Oil	1 - 3	PEL 15 mg/m3 - Total 5 mg/m3 - Respirable TLV 10 mg/m3	
Paraffin Wax Fumes, if generated:		TLV 2.00 Units mg/m3 Agency AOCIH	
Paraffin Wax Fumes, if generated		Type Full term TWA TLV 2.00 Units mg/m3	
Agency		OSHA	
		Regulation 29 CFR 1910.100	

The identities of ingredients that are trade secrets are excluded from this list.

SECTION 3. PHYSICAL DATA

Solubility in Water: Nil

Specific Gravity (H₂O = 1): 0.8 - 1.2

Appearance and Odor: Light brown to brown to gray colored board, low odor.

NFPA Hazard Class

Health hazard - 0

Flammability - 1

Reactivity - 0

Other - N/A

DOT Flammability Classification

Not Regulated

Fire Fighting Procedures: Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes. Move undamaged containers from fire area if you can do so without risk.

SECTION 4. FIRE AND EXPLOSION DATA

Flash Point and Method - 450°

Autoignition Temperature - Variable 390° - 450° F

Flammability Limits in Air - Variable

Extinguishing Media: Water, Foam.

Unusual Fire/Explosion Hazards: Wood dust required 0.040 Joules/minutes of energy for ignition and can produce an explosion pressure of 133 PSIG max.

Special Fire Fighting Procedures: When exposed to fumes, wear a self-contained breathing apparatus (SCBA) with full face piece operated in the pressure-demand or positive pressure mode.

SECTION 5. REACTIVITY DATA

Avoid contact with oxidizing agents and with drying oils.

Eye Contact: Prolonged or repeated exposure to fumes or vapors emitted by the molten material may cause tearing. Contact with the molten material may cause thermal burns.

Skin Contact: Contact with molten material may cause thermal burns.

Inhalation (Breathing): Solid material is not volatile, so exposure by inhalation is unlikely. If working with molten material, prolonged or repeated exposure to fumes or vapors may cause irritation of nose and throat.

Ingestion (Swallowing): Accidental ingestion of this material may cause irritation of the digestive tract.

SECTION 6. HEALTH HAZARD INFORMATION

Stability: Stable

Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide.

Hazardous Polymerization: Will not occur.

Effects of Overexposure: Avoid prolonged repeated breathign of wood dust in air. Repeated exposures to certain wood dusts can produce such allergenic responses as dermatitis, asthma and bronchitis.

Emergency and First Aid Procedures: Eye Contact: Flush eyes, including under eyelids thoroughly with water. Skin: Wash with soap and water.

Inhalation: Remove from exposure. Ingestion: Call Physician.

Eye Protection: Approved eye protection to safeguard against potential eye contact or injury during hot melt processing operations is recommended.

Respiratory Protection: No respiratory protection is required when working with solid material. Protection from fumes or vapors emitted from molten material may be necessary. If airborne concentrations exceed recommended exposure limits, a suitable filter-type respirator should be worn. (see Section 2)

Ventilation: Local exhaust is recommended during hot melt processing operations.

Ventilation: None required under normal use conditions.

SECTION 7. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill/leak: Pick up.

Waste Disposal Method: In accordance with Federal, State and Local Regulations.

Stability: Stable

Conditions to Avoid (Stability): Avoid contact with any source of heat.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition in the presence of air may yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.

Hazardous Polymerization: Will not occur.

SECTION 8. SPECIAL PROTECTION INFORMATION

Precautions in Case of Release or Spill: Sweep up and package appropriately for disposal. For molten material, absorb with sand or inert absorbant. Notify appropriate state/local agencies.

Waste Disposal Method: Dispose of product in accordance with local, county, state and federal regulations.

SECTION 9. STORAGE AND SPECIAL PRECAUTIONS

Handling and Storage Precautions: Store in cool, dry location. Keep away from incompatible materials (see Section 6). Contact with any source of heat may cause melting. Avoid prolonged or repeated skin contact. Wash thoroughly after handling.

Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes. Move undamaged containers from fire area if you can do so without risk.

SECTION 10. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information in this document is believed to be correct as of the date issued.

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