MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Model Cement
Product Use: Used as a wax adhesive

SECTION 2 COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	Percent	EC Substance Classification (67/548/EEC)
Non-hazardous Waxes and Resins	80-100	Not applicable

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: Contact with molten product may cause thermal burns. Vapors or fumes from molten material may cause eye and respiratory tract irritation.

SECTION 4 FIRST AID MEASURES

Eye Contact: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists. If product is hot, flush eyes with water, holding the eyelids apart. Get immediate medical attention.
Skin Contact: Wash skin with soap and water. If product is molten, cool skin with large amounts of water. Do not remove material bonded to the skin. Do not apply salves or ointment. Get immediate medical attention. Launder contaminated clothing before re-use. (Discard contaminated shoes).
Ingestion: If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. If large amounts are swallowed or if irritation or discomfort occurs, get immediate medical attention.
Inhalation: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get immediate medical attention.

SECTION 5 FIRE FIGHTING PROCEDURES

Extinguishing Media: Use water fog, carbon dioxide, foam or dry chemical. Use water to cool exposed containers and structures and disperse flammable vapors.

Firefighting Procedures: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.
Unusual Fire/Explosion Hazards: None known.
Known or Anticipated Hazardous Products of Combustion: Carbon monoxide, carbon dioxide and smoke.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: At ambient temperatures, pick up material and place into a container for disposal. If molten, allow material to solidify and cool. Pick up or scrape up and place into a containers for disposal.
Personal Precautions: Avoid contact with skin, eyes or clothing.

Environmental Precautions: None known.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact with molten material. Avoid breathing vapors or fumes. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation.
Empty containers retain product residues can be hazardous. Follow all MSDS precautions when handling empty containers.
Storage: Store in a dry, well ventilated area away from heat, direct sunlight and all sources of ignition.

SECTION 8 EXPOSURE CONTROLE/PERSONAL PROTECTION

Occupational Exposure Limits:

Non-hazardous Waxes and Resins	None Established

Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.
Personal Protective Equipment:
Eye Protection: None needed if handing product at ambient temperatures. Wear safety glasses when handling hot material.
Skin Protection: None needed if handing product at ambient temperatures. Wear insulated gloves when handling hot material.
Respiratory Protection: None should be needed for normal use. If the exposure limits are exceeded a NIOSH approved organic vapor respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance and good industrial hygiene practice.
Other Protective Clothing or Equipment: Clothing with long sleeves should be worn when working with molten product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Hard brittle beige resin with a pleasant natural odor. Boiling Point: Not determined	Melting Point: 210°F (99°C)
Freezing Point: Not applicable	Specific Gravity: 1.04
Solubility in Water: Negligible	pH: Not applicable
Vapor Pressure (mmHg): <1 mmHg	Vapor Density: Not determined

Evaporation Rate: Not applicable
% Volatile by Volume: <1%
Flammable Limits in Air: Not determined

Viscosity: Not applicable
Flashpoint: >500°F (>260°C) COC
Autoignition Temperature: Not determined

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Extreme heat (>300ºF)
Incompatibility with Other Materials: Avoid oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and smoke.
Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects:
Eyes: Dust may cause mechanical irritation. Vapors or fumes may cause eye irritation with redness and tearing. Contact with molten product may cause thermal burns.
Skin: Contact with molten product may cause thermal burns. .
Ingestion: Small amounts are not anticipated to cause adverse effects. Large quantities may cause obstruction of the bowel.
Inhalation: Inhalation of vapors or fumes may cause irritation of the eyes, nose and upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.
Chronic Health Effects: None known.
Medical Conditions Aggravated by Exposure: Individuals with pre-existing skin and respiratory disorders may be at increased risk from exposure.
Acute Toxicity Data: Non-hazardous Waxes and Resins: No data available

SECTION 12 ECOLOGICAL INFORMATION

Non-hazardous Waxes and Resins: No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

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SECTION 15 REGULATORY INFORMATION

Not applicable

SECTION 16 OTHER INFORMATION

HMIS Hazard Rating:
Health – 0 Fire Hazard – 1 Reactivity – 0

Q.C. INCHARGE