

**1 – Identification of the Substance and of the Company**

SUPPLIER: RMO, Inc.
650 W. Colfax Ave.
Denver, CO 80204
303-592-8200

Trade Name and Synonyms – TruForm
Model Material
Description: TruForm Model Material

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Product Grade / Name:

Natural Polymeric Resin – Model Material

2 – Hazards Identification

HMIS Hazard Ratings: Health – 1, Flammability – 1, Chemical Reactivity – 0
NFPA Hazard Ratings: Health – 1, Flammability – 1, Instability - 0

3 – Composition / Information on Ingredients

<u>Chemical Characterization:</u>	<u>CAS Reg. No.:</u>	<u>Composition</u>
Deionized water	7732-18-5	Proprietary
Starche(s)	9005-84-9	Proprietary
Hyrogenated starche(s)	68426-17-2	Proprietary
FructoseCXT	57-8-7	Proprietary
Calcium Sulfate	13463-67-7	Proprietary
Monocalcium Phosphate	7758-23-8	Proprietary
Sodium Bicarbonate	144-55-8	Proprietary
Vegetable Oil	9086-41-4	Proprietary

4 – First Aid Measures

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Skin: If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin.

Get medical attention for Ingestion: Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

Eyes: If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.

Note to Physicians: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

5 – Fire Fighting Measures

Extinguishing Media: water spray, dry chemical

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: carbon dioxide, carbon monoxide

Unusual Fire and Explosion Hazards: Powdered material may form explosive dust-air mixtures.

6 – Accidental Release Measures

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES AND HANDLING (PERSONNEL) section before proceeding with clean up. Use appropriate PERSONAL PROTECTION EQUIPMENT during clean up. Contain, wipe up and remove.

7– Handling and Storage

Personal Precautionary Measures: No special precautionary measures should be needed under anticipated conditions of use.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. Refer to NFPA Pamphlet No.654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

Storage: Keep container closed.

8 – Exposure Controls / Personal Protection

ACGIH Threshold Limit Value (TLV) : not established

OSHA (USA) Permissible Exposure Limit (PEL, 1989 Table Z-1-A values or section-specific standards) : not established

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used.

Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

Respiratory Protection: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. Respirator type: organic vapor, dust. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.

Eye Protection: It is a good industrial hygiene practice to minimize eye contact.

Skin Protection: It is a good industrial hygiene practice to minimize skin contact. When material is heated, wear gloves to protect against thermal burns.

Recommended Decontamination Facilities: eye bath, washing facilities

9 – Physical and Chemical Properties

- Physical Form : Semi Liquid
- Color: Varies by Formulation
- Odor: Slight
- Specific Gravity at 25C (77F) (water =1): 1.02
- Vapor Pressure: negligible
- Evaporation Rate: not applicable
- Boiling Point: Not available
- Melting Point: 191C (375F)
- Solubility: Insoluble in water
- pH: Not applicable
- Octanol Water Partition Coefficient: Not applicable
- Lower Flammable Limit: Not applicable
- Upper Flammable Limit: Not applicable
- Autoignition Temperature: Not applicable
- Sensitivity to Mechanical impact: Not available
- Sensitivity to Static Discharge; Not available
- Vapor Density: Not applicable
- Relative Density: .90 lbs/ cu.in.
- Decomposition Temperature: >250C
- Viscosity: Not applicable

10 – Stability and Reactivity

Stability: Stable

Incompatibility: Material will not react with strong oxidizing agents.

Hazardous Polymerization: will not occur

11 – Toxicological Information

Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel.

Eyes: Molten material will product thermal burns.

Skin: Molten material will product thermal burns.

Ingestion: Expected to be a low ingestion hazard.

Acute Toxicity Data:

Oral LD-50: Not available

Inhalation LC-50: Not available

Dermal LD-50: Not available

12 – Ecological Information

This product has not been tested for environmental effects.

13 – Disposal Considerations

Discharge, treatment or disposal may be subject to national, state or local laws.

Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14 – Transportation Information

This material is not regulated by US D.O.T. classification, Canada (D155TOG), ICAO, MDG or IMDG for dangerous substance regulations, and can be transported by any practical method of shipment.

15 – Regulatory Information

- OSHA Classification: nonhazardous
- California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): material(s) known to the State to cause cancer: none known.
- WHMIS (Canada) Status: not controlled
- International Agency for Research on Cancer (IARC): not listed
- American Conference of Governmental Industrial Hygienists (ACGIH): not listed
- National Toxicology Program (NTP) : not listed
- Occupational Safety and Health Administration (OSHA): not listed
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: none
- US Toxic Substances Control Act (TSCA) : This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.
- Canadian Environmental Protection Act (CEPA) and Domestic Substances List (DSL): This product is listed on the DSL or otherwise complies with CEPA new substance notification requirements.
- European Inventory of Existing Commercial Chemical Substances (EINECS): All components of this product are listed on EINECS. Any polymer intentionally present in this product has regulatory clearance under Directives of the European Union.

16 – Other Information

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.