

SAFETY DATA SHEET

PRODUCT NAME: P.T.M. Prosthetic Transfer Material

DATE: 12/9/15

SECTION 1 - IDENTIFICATION

Product Name: P.T.M. Prosthetic Transfer Material
Recommended Use: Molding Material for Prosthetic Transfers
Company: Prosthetic Transfer Material LLC
Telephone: 818-232-8363
Emergency Chemtrec: 800-524-9300

SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR1910.1200
Other hazards: No data available

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature: This product is a mixture

<u>Component</u>	<u>CASRN</u>	<u>Concentration</u>
Water	7732-18-5	35 - 45%
Acrylic Aqueous Emulsion	Non-Hazardous	50 - 60%
Trade Secret		5 - 15%

SECTION 4 - FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin contact: Wash with soap and water.
Eye contact: Rinse with plenty of water. If eye irritation persists, see physician.
Ingestion: Drink water to dilute. Contact physician if necessary. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: In addition to information in this Section 4 any additional important symptoms and effects are described in Section 11: Toxicological Information.

SECTION 5 - FIREFIGHTING MEASURES

Flashpoint: N/A
Extinguishing media: Use extinguishing media appropriate for surrounding fire - foam; CO2; dry chemical; water fog.
Specific hazards: None known.
Unusual Fire and Explosion Hazards: Material can splatter above 212F/100C. Dried product can burn.
Special protective equipment and precautions for firefighters: Wear self-contained breathing apparatus and protective suit as precaution.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Environmental precautions: Caution - keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and cleaning up: Contain spills immediately with inert materials (e.g., sand, earth). Transfer spilled material to suitable containers for recovery or disposal.

SAFETY DATA SHEET

PRODUCT NAME: P.T.M. Prosthetic Transfer Material

DATE: 12/9/15

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed.

Conditions for safe storage, including any incompatibilities: Keep from freezing - product stability may be affected. STIR WELL BEFORE USE. No incompatibilities known.

Storage stability - Storage temperature: 1 - 49 °C (34 - 120 °F)

SECTION 8 - EXPOSURE CONTROLS / PERSONAL

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and other exposure limits: None established.

Engineering controls: Use local exhaust ventilation at the point of vapor evolution.

Protective measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and good ventilation.

Individual protection measures

Eye/face protection: Safety glasses with side-shields. Eye protection worn must be compatible with respiratory protection system employed.

Skin protection: Neoprene gloves may provide protection against permeation.

Respiratory protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant respirator use. None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Up to 10 times exposure limit: Wear properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Up to 50 times exposure limit: Wear properly fitted NIOSH approved (or equivalent) full-facepiece, air purifying respirator, OR full-facepiece, airline respirator in pressure demand mode. Above 50 times exposure limit or Unknown: Wear properly fitted NIOSH approved (or equivalent) self-contained breathing apparatus in pressure demand mode, OR full facepiece, airline respirator in pressure demand mode with emergency escape provision.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White thick paste	Upper/lower explosive limits:	Not applicable
Odor:	Mild	Vapor pressure:	18.00000 mmHG/68F(20C)
Odor threshold:	No data available	Vapor density:	No data available
pH:	7.5-9.0	Relative density:	No data available
Melting/freezing point:	32F (0C)	Water Solubility:	Dilutable
Boiling point:	212F (100C)	Partition coef: n-octanol/water:	No data available
Flash point:	Non-combustible	Auto-ignition temperature:	Not applicable – non-combustible
Evaporation rate:	<0.5	Decomposition temperature:	No data available
Flammability:	Not applicable	Viscosity (Brkfld LVT 77F(25C):	4700cps - Spindle #3/60RPM

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: None known

Chemical stability: Stable

Possibility of hazardous reactions: Stable - none known

Conditions to avoid: No data available

Incompatible materials: None known

Hazardous decomposition products: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely routes of exposure

Inhalation: No adverse effects are anticipated from exposure to mist.

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

Skin Contact: Contact is nonirritating. Prolonged contact may cause skin irritation.

Eye Contact: Prolonged direct contact to eyes may be slightly irritating. Corneal injury is unlikely.

Carcinogenicity: No relevant data found.

Information on ingredient toxicological effects

Acute Dermal Liquid - LD50 - Rabbit - > 2,000 mg/kg

Acute Oral Liquid - LD50 - Rat - >2,000 mg/kg

Skin corrosion/irritation - Causes skin irritation

Serious eye damage/eye irritation - Direct contact with eyes may cause temporary irritation.

Respiratory sensitization - Not a respiratory sensitizer

Skin sensitization - Not expected to cause skin sensitization

SAFETY DATA SHEET

PRODUCT NAME: P.T.M. Prosthetic Transfer Material

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Germ cell mutagenicity - No data available to indicate material is mutagenic or genotoxic.

Carcinogenicity - Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) - Not listed.

Reproductive toxicity - Not expected to cause reproductive or developmental effects.

Specific target organ toxicity

- single exposure - Not classified.
- repeated exposure - Not classified.

Aspiration hazard

- Not an aspiration hazard.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data available. None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Observe all federal, state and local regulation for disposing of substance of this type.

SECTION 14 - TRANSPORT INFORMATION

U.S. Department of Transportation(DOT): Not regulated - Non-hazardous for transport - liquid

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act): All ingredients in this product are in compliance with the listing requirements of the TSCA.

SECTION 16 - OTHER INFORMATION

We have provided information in this Safety Data Sheet we believe is the best available at the date of publication. Information provided herein is not to be considered, in any way, to be a warranty or guarantee of performance or safety but as a general guide for the safe use, handling, processing, transport and disposal of the material that is the subject of this information. In all cases appropriate procedures and methods should be employed in the use, handling, processing, transport and disposal of this material. The information contained herein is related to the material described herein, as received, and is not to be construed or applicable to any modifications, mixtures or derivations thereof. Since conditions of use are beyond our control, Prosthetic Transfer Material LLC expressly disclaims all liability for the use or handling of this product. All risks of use are assumed by end-users.