

SECTION I

Chemical Name: Poly Ethylmethacrylate (Ethyl Methacrylate Homopolymer)
 Product Name: ProTech™ Soft Reline Powders (Heat Cure and Cold Cure)
 Formula: $-(CH_2C(CH_3)COOC_2H_5)-X$

Distributor: ProTech Professional Products, Inc.
 Address: 2900 N.W. Commerce Park Dr., #10, Boynton Beach, FL 33426
 For Information Call: 1-800-872-8898, outside US & Canada call 1-561-493-9818

Signature and Date (optional):

SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S) % TLV (UNITS)

Non hazardous material NA

SECTION III - PHYSICAL DATA

Boiling Point: Deg. C. / mm Hg: NA / Specific Gravity (H₂O=1): 1.125
 Vapor Pressure: mm Hg NA AT Deg. C. Percent Volatile W/W%: NA
 Vapor Density (AIR=1): NA Evaporation Rate (=1): NA
 Solubility in Water: Insoluble
 Appearance and Odor: Fine white powder, faint odor in bulk.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point, Tag Closed, Deg. C.: 304 Flammable Limit, Air Vol% Lower: NA
 Autoignition Temperature, Deg. C.: NE Upper: NA
 Extinguisher Method: Water, carbon dioxide, dry chemical

Special Fire Fighting Procedures:
 Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust in air, producing a fire hazard and possible explosion hazard if exposed to ignition source.

Unusual Fire and Explosion Hazards:
 Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Firefighters should wear self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV) : NE For monomeric MMA : 100 ppm
 Effects of Overexposure:

It is not known to cause significant health problems. It is considered an inert or nuisance dust. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. Get medical help if discomfort persists.
 Eyes: Flush with water for 5 minutes, including under eyelids.
 Skin: Wash with soap and water.
 Ingestion: Rinse mouth out with water. Call doctor if amount was large.

SECTION VI - REACTIVITY DATA

Stability: UNSTABLE: STABLE: X
 Conditions to Avoid: Heating above 300 Deg. C.
 Incompatibility (Materials to Avoid): Strong oxidizing agents.
 Hazardous Decomposition Products: Ethylmethacrylate monomer and Carbon Monoxide.
 Hazardous Polymerization: MAY OCCUR: WILL NOT OCCUR: X
 Conditions to Avoid:

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:
 Sweep up to avoid slipping hazard. Keep airborne particulate at a minimum when cleaning up spills.
 Waste Disposal Method:
 May be disposed of in landfill or incinerated. Follow Federal, State, and Local regulations for disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Nuisance dust type if needed.
 Ventilation: Local exhaust at processing equipment.
 Protective Gloves: If hot plastic is handled. Eye Protection: Safety glasses.
 Other protective clothing or equipment: High temperature processing equipment should be ventilated.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing:
 Store in cool, dry place. Keep container closed to prevent water absorption and contamination.
 Other Precautions:

DEFINITIONS

These definitions are intended for use with the Material Safety Data Sheets supplied by Pro-Tech, Inc.

SECTION I - PRODUCT IDENTIFICATION

CHEMICAL NAME : General or generic identification.
 PRODUCT CODE : The sales code for the product which should be used in all references to the product.

SECTION II - HAZARDOUS COMPONENTS

A hazardous ingredient is one which meets one or more of the following criteria :

1. Listed in the annual registry of toxic effects of chemical substances, or is known to be toxic within the parameters of that registry.
- and/or
2. Has an OSHA established 8 hr. time-weighted average permissible exposure limit (PEL), or acceptable ceiling (C), or an American Conference of Governmental Industrial Hygienists (ACGIH) threshold limit value (TLV), and by nature of the product or its known use, it is likely to become airborne.
- and/or
3. It contributes to one or more of the following hazards of the product :
 - A. Flashpoint below 93 deg. C (CC), or subject to spontaneous heating or decomposition.
 - B. Causes skin burns. (DOT)
 - C. Strong oxidizing agent. (DOT)
 - D. Subject to hazardous polymerization.

Each ingredient meeting one or more of the above criteria is listed in section II if present at a level at least greater than one percent. Ingredients which are claimed to be carcinogens, teratogens, mutagens, or causative agents of other reproductive disorders are listed if known or believed to be present, provided that the data supporting such claims is considered valid.

Each hazardous ingredient is listed by chemical, generic or proprietary name. It's level in the product is expressed as 1% or less, 1-10%, 10-30%, 30-60% or greater than 60% or by other means.

SECTION III - PHYSICAL DATA

INITIAL BOILING POINT : If liquid at 20 Deg. C. and is given in Deg. C. at 760 mm of Hg.
 VAPOR PRESSURE : If liquid at 20 Deg. C. or if sublimes.
 SPECIFIC GRAVITY : If not known, it is indicated as <1, =1, or >1.
 PERCENT VOLATILES : Percent of material with initial boiling point below 220 Deg. C.
 EVAPORATION RATE : Indicated with reference to Butyl Acetate, unless stated.

DEFINITIONS (CONTINUED)

SECTION IV - PRODUCT IDENTIFICATION

FLASH POINT : Closed cup, TAG
 LOWER EXPLOSION LIMIT : Indicated component with lowest value
 HAZARDOUS DECOMPOSITION PRODUCTS : Known hazardous products resulting from heating, burning, etc., or reactive materials which may arise from heating, burning, etc.
 SPECIAL FIREFIGHTING PROCEDURES : Indicates equipment to protect firemen from toxic procedures of combustion or if water is not to be used.
 UNUSUAL FIRE AND EXPLOSION HAZARDS : Hazards not covered by other sections of this report are shown here.

SECTION V - HEALTH HAZARD DATA

Recipients of this data sheet should consult the OSHA safety and health standards (29 CFR 1910) particularly sub-part G - occupational health and environmental control and sub-part I - personal protective equipment, for general guidance on control of potential occupational health hazards.
 PERMISSIBLE EXPOSURE LEVEL : OSHA established PEL - If none available, adopted value.
 EFFECTS OF OVEREXPOSURE : Given in general terms; local and systemic effects to the eyes, skin, if material is inhaled, unless not applicable due to physical form of product.

ABBREVIATIONS USED IN MSDS

NA = Not Applicable
 NE = Not Established
 NR = Not Required

NOTICE

All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, Pro-Tech, Inc. makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product. Additional product literature may be available upon request since actual use by others is beyond our control, no warranty, express or implied, is made by Pro-Tech, Inc. as to the effects of such use. The results to be obtained or the safety and toxicity of the product, nor does Pro-Tech, Inc. assume any liability arising out of use by others of the product referred to herein. The data in this Material Safety Data Sheet relate only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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