

POLYMER CORPORATION

Where The Future Is Taking Shape In Plastics

MATERIAL SAFETY DATA SHEET

MSDS# 1300

SECTION 1

THE POLYMER CORPORATION
2120 FAIRMONT AVENUE
P.O. BOX 14235
READING, PA. 19612-4235

TELEPHONE NUMBERS:
PRODUCT INFORMATION (POLYMER) -
215-320-6600
TRANSPORTATION EMERGENCY (CHEMTREC) -
800-424-9300

MATERIAL IDENTIFICATION

PRODUCT NAME: POLYPENCO CAST ACRYLIC

CHEMICAL NAME: POLYMETHYLMETHACRYLATE

CAS NO.: 9003-63-8

PRODUCT USE: ENGINEERING THERMOSET STOCK SHAPE FOR
SUBSEQUENT FABRICATION.

TSCA INVENTORY STATUS: ALL REPORTABLE INGREDIENTS ARE LISTED IN
THE TSCA CHEMICAL SUBSTANCE INVENTORY.

SECTION 2

HAZARDOUS INGREDIENTS

IDENTITY	CAS#	CONCENTRATION
METHYL METHACRYLATE	80-62-6	<1%

SECTION 3

HEALTH HAZARD DATA

ACUTE OR IMMEDIATE EFFECTS: ROUTES OF ENTRY AND SYSTEMS.

INGESTION: NOT A PROBABLE ROUTE OF EXPOSURE.

SKIN: NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF
EXPOSURE.

EYE: MECHANICAL IRRITATION ONLY.

INHALATION: SHAPES NOT RESPIRABLE.

SECTION 4

EMERGENCY FIRST AID

- No adverse effects anticipated by inhalation of this shape.
- Wash skin with soap and plenty of water.
- Flush eyes with water. Consult a physician if symptoms persist.

CHRONIC EFFECTS: NONE KNOWN.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY THIS MATERIAL: NONE KNOWN.

SECTION 5

FIRE AND EXPLOSION HAZARD DATA

FLASH IGNITION TEMPERATURE: NA

UNUSUAL FIRE, EXPLOSION HAZARDS: DENSE BLACK SMOKE EMITTED WHEN BURNED WITHOUT SUFFICIENT OXYGEN.

HAZARDOUS DECOMBUSTION PRODUCTS: SMOKE AND NOXIOUS GASES (CARBON MONOXIDE AND HYDROCARBONS).

SPECIAL FIRE FIGHTING INSTRUCTIONS: FIRE FIGHTERS AND OTHERS EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS. FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE.

EXTINGUISHING MEDIA: WATER FOG, FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL.

SECTION 6

ACCIDENTAL RELEASES

SPILL OR RELEASE: CLEAN UP BY VACUUMING OR SWEEPING TO PREVENT FALLS.

SECTION 7

STORAGE CONDITIONS

Dry storage. Keep containers closed to prevent contamination.

SECTION 8

PROTECTION INFORMATION

Avoid breathing dust if generated.

SECTION 9

PHYSICAL/CHEMICAL DATA

APPEARANCE: STOCK SHAPE IS IN THE FORM OF ROD.

ODOR: ESSENTIALLY ODORLESS.

MELTING POINT: NA

SOLUBILITY IN WATER: INSOLUBLE.

VOLATILE CONTENT %: <1%

SPECIFIC GRAVITY: 1.17-1.20

SECTION 10

HAZARDOUS REACTIVITY

STABILITY AT ROOM TEMPERATURE: STABLE.

MATERIALS TO AVOID: NONE.

CONDITIONS TO AVOID: HEATING ABOVE 300 C./ 572 F. (COMBUSTIBLE GASSES RELEASED).

SECTION 11

TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY: POLYPENCO CAST ACRYLIC DOES NOT APPEAR TO POSSESS ANY TOXICOLOGICAL PROPERTIES.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE KNOWN.

CARCINOGENICITY: NONE KNOWN.

SECTION 12

ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Toxicity is expected to be low based on insolubility of product in water.

SECTION 13

DISPOSAL

SPILL OR RELEASE: Clean up by vacuuming or wet sweeping to minimize dust exposure.

WASTE DISPOSAL: Landfill or incineration in compliance with federal, state, and local regulations.

SECTION 14

TRANSPORT INFORMATION

DOT HAZARD CLASS: NA
SHIPPING NAME: NA

SECTION 15

REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION:
(SARA TITLE III-TOXIC CHEMICALS LIST)

This product contains the hazardous chemical mentioned in SECTION 2 of this MSDS for routine annual "TOXIC CHEMICAL RELEASE REPORTING" of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372.

STATE RIGHT TO KNOW LAWS

No substances on the state hazardous list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

PENNSYLVANIA:

SUBSTANCES ON THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 1% OR MORE: NONE KNOWN.

SUBSTANCES ON THE PENNSYLVANIA SPECIAL HAZARDOUS SUBSTANCES LIST PRESENT AT A CONCENTRATION OF 0.01% OR MORE: NONE KNOWN.

CALIFORNIA PROPOSITION 65:

SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: NONE KNOWN.

SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE KNOWN.

NEW JERSEY:

SUBSTANCES ON THE NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST PRESENT AT A CONCENTRATION OF 1% OR MORE (0.1% FOR SUBSTANCES IDENTIFIED AS CARCINOGENS, MUTAGENS OR TERATOGENS): METHYL METHACRYLATE.

SECTION 16

MISCELLANEOUS INFORMATION

Prepared by: T.W. Swavely, Product Compliance Coordinator.

Issued: DECEMBER 16, 1992

Rev. NONE

Supersedes: APRIL 5, 1991

The information set forth herein has been gathered from standard reference materials and/or supplier test data and is to the best knowledge and belief of The Polymer Corporation accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and it is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones which exist. The Polymer Corporation makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefor.

NA = Not applicable

NE = Not established.

> = New or revised information in this section when " > " appears in the left margin.

END OF MSDS