

POLYCAST TECHNOLOGY CORP -- POLY 76 POLYCAST ACRYLIC SHEET -- 9330-00-634-8636  
===== Product Identification =====

Product ID:POLY 76 POLYCAST ACRYLIC SHEET

MSDS Date:05/01/1990

FSC:9330

NIIN:00-634-8636

MSDS Number: BMZWP

=== Responsible Party ===

Company Name:POLYCAST TECHNOLOGY CORP

Address:69 SOUTHFIELD AVE

City:STAMFORD

State:CT

ZIP:06902-7614

Country:US

Info Phone Num:203-327-6010

Emergency

Phone Num:203-327-6010

CAGE:20434

=== Contractor Identification ===

Company Name:POLYCAST TECHNOLOGY CORP

Address:69 SOUTHFIELD AVE

Box:City:STAMFORD

State:CT

ZIP:06902-7614

Country:US

Phone:203-327-6010/6013

CAGE:20434

===== Composition/Information on Ingredients =====

Ingred Name:POLYMETHYLMETHACRYLATE

CAS:9011-14-7

RTECS #:TR0400000

Fraction by Wt: 89-99%

Other REC Limits:NONE SPECIFIED

Ingred Name:PROPRIETARY INGREDIENT

Fraction by Wt: 1-11%

Other REC Limits:NONE SPECIFI

ED

=====  
===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 7872MG/KG (MMA)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION: INGESTION OF SMALL

QUANTITIES SHOULD NOT CAUSE ANY HARMFUL EFFECTS UNDER NORMAL CIRCUMSTANCES. INHALATION: GROSS OVEREXPOSURE TO NUISANCE PARTICLES MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. NUISANCE PARTICLES

MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====  
===== First Aid Measures =====

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND

WATER. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING DIFFICULTY PERSISTS. INGESTION: SMALL QUANTITIES OF THIS MATERIAL UNDER NORMAL CIRCUMSTANCES WOULD NOT CAUSE HARMFUL EFFECT.

=====  
===== Fire Fighting Measures =====

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:986F

Extinguishing Media:CARBON DIOXIDE, WATER, DRY CHEMICAL

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &

FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:NONE

=====  
===== Accidental Release Measures =====

Spill Release Procedures:NOT APPLICABLE FOR SHEET; FOR SAWDUST OR CHIPS, SWEEP INTO BAG OR OTHER SUITABLE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====  
===== Handling and Storage =====

Other Precautions:NONE

=====  
===== Exposure Controls/Personal Protection =====

====

Respiratory Protection:IF AIRBORNE LEVELS OF METHYL METHACRYLATE EXCEED 100 PPM, USE A FITTED NIOSH APPROVED ORGANIC RESPIRATOR OR SUPPLIED AIR RESPIRATOR AS REQUIRED.

Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP AIRBORNE LEVELS OF METHYL METHACRYLATE BELOW 100 PPM.

Protective Gloves:LEATHER WORK GLOVES ARE RECOMMENDED.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:NONE REQUIRED

Work Hygienic Practices:MINIMIZE BREATHING DUST. CLEANSE SKIN

THOROUGHLY AFTER CONTACT, BEFORE BREAKS AND MEALS, AND AT THE END OF WORK PERIODS.

Supplemental Safety and Health

A STRONG NAPHTHALENE SMELL MAY ARISE DURING CUTTING OF THE MATERIAL. PROPER VENTILATION IS REQUIRED.

===== Physical/Chemical Properties =====

HCC:N1

Vapor Pres:0

Spec Gravity:1.19

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR PLASTIC SHEET. ACRID, FRUITY ODOR OF METHYL METHACRYLATE.

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, BASES, AND OXIDIZING AGENTS.

Stability Condition to Avoid:TEMPERATURES ABOVE 700F, HEAT AND IGNITION SOURCES.

Hazardous Decomposition Products:PRODUCES CO, CO2 AND SMOKE.

TEMPERATURES ABOVE 700F CAN CAUSE METHYL METHACRYLATE MONOMER TO BE RELEASED.

===== Disposal Considerations =====

Waste Disposal Methods:SANITARY LANDF

ILL.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.