

POLYCAST TECHNOLOGY CORP -- POLY 76 POLYCAST ACRYLIC SHEET -- 9330-00-634-8625  
===== Product Identification =====

Product ID:POLY 76 POLYCAST ACRYLIC SHEET

MSDS Date:05/01/1990

FSC:9330

NIIN:00-634-8625

MSDS Number: BMZWF

=== 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 P

hone 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 SPECIFIE

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Hazards Identification  
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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.

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Other Precautions:NONE

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Exposure Controls/Personal Protection  
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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 LANDFI

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