

POLYCAST TECHNOLOGY -- ACRYLIC SHEET, BR  
MATERIAL SAFETY DATA SHEET  
NSN: 933000N025168  
Manufacturer's CAGE: 20434  
Part No. Indicator: A  
Part Number/Trade Name: ACRYLIC SHEET, BR

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General Information  
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Company's Name: POLYCAST TECHNOLOGY CORP  
Company's Street: 69 SOUTHFIELD AVE  
Company's City: STAMFORD  
Company's State: CT  
Company's Country: US  
Company's Zip Code: 06902  
Company's Emerg Ph #: 203-327-6010; 203-327-6013  
Company's Info Ph #: 203-327-6010; 203-327-6013  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 01MAY90  
Safety Data Review Date: 09FEB95  
MSDS Serial Number: BMPFX  
Hazard Characteristic Code: N1

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Ingredients/Identity Information  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 01

Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 02

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Physical/Chemical Characteristics  
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Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.  
Boiling Point: N/A  
Vapor Pressure (MM Hg/70 F): SEE INGRED  
Vapor Density (Air=1): N/A  
Specific Gravity: 1.19  
Evaporation Rate And Ref: NIL  
Solubility In Water: NIL  
Percent Volatiles By Volume: N/A

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Fire and Explosion Hazard Data  
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Flash Point: NOT APPLICABLE  
Lower Explosive Limit: N/A  
Upper Explosive Limit: N/A  
Extinguishing Media: CO2, WATER, DRY CHEMICAL.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: NONE

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): TEMPERATURES ABOVE 700F, HEAT AND IGNITION  
SOURCES.  
Materials To Avoid: STRONG ACIDS, BASES, OXIDIZING AGENTS.  
Hazardous Decomp Products: PRODUCES CO, CO2 & SMOKE. TEMPS >700F CAN CAUSE  
METHYL METHACRYLATE MONOMER (MMA) TO BE RELS. OPER SUCH AS (SUPP DATA)  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data  
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: INGEST: INGEST OF SM QTYS OF MATL UNDER  
NORMAL CIRCUMSTANCES WOULD NOT CAUSE HARMFUL EFT. INHAL: GROSS OVEREXP TO  
NUISANCE PARTICLES, REGARDLESS OF HOW GENERATED, MAY CAUSE IRRIT OF RESP  
TRACT. SKIN/EYE: NUISANCE PARTICLES MAY CAUSE IRRIT.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: VAPOR MAY CAUSE IRRITATION OF THE EYES, NOSE AND THROAT. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, SUCH AS DIZZINESS, HEADACHE, NAUSEA, LOSS OF CONSCIOUSNESS. UNDER SOME CIRCUMSTANCES MUTAGENIC CHANGES HAVE BEEN OBSERVED WITH MMA.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: INGEST: CALL MD IMMEDIATELY (FP N). INHAL: IF AFFECTED BY INHAL, REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS, CONSULT MD. A STRONG NAPHTHALENE SMELL MAY ARISE DURING CUTTING OF MATL. PROPER VENT IS REQ. EYE: FLUSH IMMEDIATLY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL MD. SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER. CALL MD (FP N).

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 Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: NOT APPLICABLE FOR SHEET; FOR SAWDUST OR CHIPS, SWEEP INTO BAG OR OTHER SUITABLE CONTAINER.  
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
 Waste Disposal Method: SANITARY LANDFILL. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).  
 Precautions-Handling/Storing: NOT APPLICABLE.  
 Other Precautions: NONE.

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 Control Measures  
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Respiratory Protection: A PROPERLY FITTED NIOSH/MSHA APPROVED ORGANIC RESPIRATOR OR A SUPPLIED AIR RESPIRATOR IS REQUIRED.  
 Ventilation: PROVIDE SUFFICIENT VENT IN VOLUME & PATTERN TO KEEP AIRBORNE LEVELS OF METHYL METHACRYLATE BELOW 100 PPM.  
 Protective Gloves: LEATHER WORK GLOVES ARE RECOMMENDED.  
 Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).  
 Other Protective Equipment: NONE REQUIRED.  
 Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
 Suppl. Safety & Health Data: HAZ DECOMP PRODS: SAWING, ROUTING AND DRILLING CAN ALSO LIBERATE MMA. UNDER COMBUSTION CONDITIONS, MMA WILL IGNITE AND PRODUCE CO, CO2 AND WATER.

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 Transportation Data  
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Trans Data Review Date: 92114  
 DOT PSN Code: ZZZ  
 DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
 IMO PSN Code: ZZZ  
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
 IATA PSN Code: ZZZ  
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
 AFI PSN Code: ZZZ  
 AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
 Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

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 Disposal Data  
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 Label Data  
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Label Required: YES  
 Technical Review Date: 21JAN92  
 Label Date: 21JAN92  
 Label Status: G  
 Common Name: ACRYLIC SHEET, BR  
 Chronic Hazard: NO  
 Signal Word: CAUTION!  
 Acute Health Hazard-Slight: X  
 Contact Hazard-Slight: X  
 Fire Hazard-None: X  
 Reactivity Hazard-None: X  
 Special Hazard Precautions: ACUTE: INHALATION MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT AND MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, SUCH AS DIZZINESS, HEADACHE, NAUSEA, LOSS OF CONSCIOUSNESS. VAPOR MAY CAUSE IRRITATION OF THE EYES, NOSE AND THROAT. CHRONIC: NONE SPECIFIED BY MANUFACTURER.  
 Protect Eye: Y  
 Protect Skin: Y  
 Protect Respiratory: Y  
 Label Name: POLYCAST TECHNOLOGY CORP  
 Label Street: 69 SOUTHFIELD AVE  
 Label City: STAMFORD  
 Label State: CT  
 Label Zip Code: 06902  
 Label Country: US  
 Label Emergency Number: 203-327-6010; 203-327-6013

