

POLYCAST TECHNOLOGY -- ACRYLIC SHEET, UF3  
MATERIAL SAFETY DATA SHEET  
NSN: 933000N025170  
Manufacturer's CAGE: 20434  
Part No. Indicator: A  
Part Number/Trade Name: ACRYLIC SHEET, UF3

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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: BMPFZ  
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  
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 AND FULL  
PROTECTIVE EQUIPMENT.  
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.

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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: PROD CO/CO2/& SMOKE. TEMP ABOVE 700F CAN CAUSE  
METHYL METHACRYLATE MONOMER (MMA) TO BE RELEASED. OPERATIONS (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: NO  
Health Haz Acute And Chronic: INGEST:OF SMALL QUANTITIES OF THIS MATERIAL  
UNDER NORMAL CIRCUMSTANCES WOULD NOT CAUSE HARMFUL EFFECTS. INHAL:GROSS  
OVEREXPOSURE TO NUSISANCE PARTICLES, REGARDLESS OF HOW GENERATED, MAY CAUSE  
IRRITATION OF THE RESPIRATORY TRACT. SKIN/EYE:NUISANCE PARTICLES MAY CAUSE  
IRRIT. VAPOR MAY CAUSE IRRIT TO (EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: HLTH HAZ: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. THE MEANING AND SIGNIFICANCE OF THESE RESULTS IS NOT UNDERSTOOD. AT 1000 PPM, MMA IS WEAKLY EMBRYOTOXIC TO RATS.

Med Cond Aggravated By Exp: NOT APPLICABLE

Emergency/First Aid Proc: INGEST:CALL MD IMMEDIATELY (FP N). INHAL:IF AFFECTED BY INHALATION, REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS, CONSULT A PHYSICIAN. EYE:FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN:FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. CALL A PHYSICIAN.

Precautions for Safe Handling and Use

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. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS (FP N). Precautions-Handling/Storing: NOT APPLICABLE FOR SHEET; FOR SAWDUST OR CHIPS, SWEEP INTO BAG OR OTHER SUITABLE CONTAINER. Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). 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 (F PN). Other Protective Equipment: NONE REQUIRED. Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. Suppl. Safety & Health Data: HAZ DECOMP:SUCH AS SAWING, ROUTING AND DRILLING CAN ALSO LIBERATE MMA. UNDER COMBUSTION CONDITIONS, MMA IGNITES PRODUCING CO, CO2, AND H2O.

Transportation Data

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

Disposal Data

Label Data

Label Required: YES Technical Review Date: 20JAN92 Label Status: G Common Name: ACRYLIC SHEET, UF3 Chronic Hazard: YES Signal Word: CAUTION! Acute Health Hazard-Slight: X Contact Hazard-Slight: X Fire Hazard-None: X Reactivity Hazard-None: X Special Hazard Precautions: ACUTE:GROSS OVEREXPOSURE TO NUISANCE PARTICLES, REGARDLESS OF HOW GENERATED, MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT AND EYE/SKIN IRRITATION. VAPORS ARE IRRITATING AND MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS SUCH AS DIZZINESS, HEADACHE, NAUSEA AND LOSS OF CONSCIOUSNESS.CHRONIC: POSSIBLE MUTAGEN. WEAK EMBRYOTOXIN. 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

