

POLYCAST TECHNOLOGY -- ACRYLIC SHEET, UF4
 MATERIAL SAFETY DATA SHEET
 NSN: 933000N025171
 Manufacturer's CAGE: 20434
 Part No. Indicator: A
 Part Number/Trade Name: ACRYLIC SHEET, UF4

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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: BMPGB
 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, UF4
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

