

Material Safety Data Sheet

• PRODUCT IDENTIFICATION:

Atlas Fibre Company
3721 W. Chase Avenue
Skokie, Illinois 60076
Emergency Telephone # 847-674-1234

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| Chemical Name | See chart |
| Chemical Family | Thermoset Laminates |
| Trade Name & Synonyms | NONE |
| Melting Point | See Chart |
| Vapor Pressure | N/A |
| Vapor Density | NIA |
| Solubility in Water | NIA |
| Appearance | Sheet, Rod, Tube, and Machined Parts |
| Specific Gravity | (H2O = 1): See Chart Percent Volatile by |
| Volume | .3 - 1.0% |
| Evaporation Rate | N/A |
| Color | Various, Natural to Black |
| Odor | None to slight |
| Flash Point | N/A |
| Flammability Limits | N/A |
| Extinguishing Media | Water, Carbon Dioxide, Dry Chemical |

Special Fire Fighting Procedures: For significant fires, use self contained positive pressure breathing apparatus and wear full protection.

Unusual Fire and Explosion Hazard: May give off any or all of the hazardous decomposition products listed. Dust from dry fabrication operations may be explosive if mixed with air in critical proportions in the presence of ignition.

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| Threshold Limit Value | No TLV exist for thermoset laminate plastic shapes.The hazards associated with thermoset laminate plastic shapes are for the products of combustion; See Chart. |
| Effects of Overexposure | Inhalation of dust may cause respiratory irritation. may cause skin or eye irritation. |
| Emergency and First Aid Procedures | In the event of acute exposure, remove to fresh air, administer oxygen, and seek physician's assistance. |
| Stability | Stable |
| Incompatibility | Not Incompatible |
| Hazardous Decomposition Products | See Chart |
| Hazardous Polymerization | N/A |
| Conditions to Avoid | When heated to decomposition or combustion temperatures, hazardous products of combustion occur as shown - See Chart |
| Steps to be taken in case material is released or spilled | N/A Waste Disposal Method: Approved landfill site in compliance with Federal, State, and Local regulations. |
| Respiratory Protection | If machining operations are not adequately ventilated, a N.I.O.S.H. approved respirator should be worn. |
| Ventilation | Mechanical(general) preferable, local exhaust acceptable. |

Precautions to be taken in Handling and Storage: None

Other Precautions: When fighting fires use a self contained breathing apparatus.

| CHEMICAL NAME | GRADES | SPECIFIC GRAVITY | MELTING POINT :F | FLASH IGNITION TEMP :F | HAZARDOUS PRODUCTS OF COMBUSTION |
|---------------------------|--------------|------------------|------------------|------------------------|----------------------------------|
| Phenolic Cellulose | X, XX, XXX | 1.10-1.40 | N/A | Non-Volatile | CO, CO2, F |
| Phenolic Cellulose | C, CE | 1.10-1.40 | N/A | Non-Volatile | CO, CO2, F |
| Phenolic Cellulose | L, LE | 1.10-1.40 | N/A | Non-Volatile | CO, CO2, F |
| Phenolic Nylon | N-1 | 1.15-1.19 | N/A | Non-Volatile | CO, CO2, F |
| Phenolic Glass | G3 | 1.70-1.90 | N/A | Non-Volatile | CO, CO2, F |
| Melamie Glass | G5, G-9 | 1.70-1.95 | N/A | Non-Volatile | CO, F, A |
| Silicone Glass | G-7 | 1.55-2.05 | N/A | Non-Volatile | CO |
| Epoxy Glass | G-10/FR4 | 1.65-2.20 | N/A | Non-Volatile | CO, CO2, F, HBr |
| Epoxy Glass | G-11/FR5 | 1.65-2.20 | N/A | Non-Volatile | CO, CO2, F, HBr |
| Polyester Glass | GPO-1,2,3 | 1.61-2.00 | N/A | 650 | CO |
| Polyester FR Glass | Electrical | 1.83 | N/A | 650 | CO, HBr |

CO = Carbon Monoxide CO2=Carbon Dioxide F=Formaldehyde HBr=Hydrogen Bromide A=Ammonia

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