

Material Safety Data Sheet

ATT. PAT RUFFENTY

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Material Safety Data Sheet

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

Chemical Name	See chart
Chemical Family	Thermoset Laminates
Trade Name & Synonyms	NONE
Melting Point	See Chart
Vapor Pressure	N/A
Vapor Density	N/A
Solubility in Water	N/A
Appearance	Sheet, Rod, Tube, and Machined Parts
Specific Gravity	(H2O = 1): See Chart
Volume	Percent Volatile by .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.

No TLV exist for thermoset laminate

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Threshold Limit Value	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					

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Glass	G3	1.70-1.90	N/A	Non-Volatile	CO, CO ₂ , 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, CO ₂ , F, HBr
Epoxy Glass	G-11/FR5	1.65-2.20	N/A	Non-Volatile	CO, CO ₂ , 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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