

I. PRODUCT IDENTIFICATION

Distributor: Composite Technology, Inc.  
Address: 1005 Blue Mound Road  
Fort Worth, Texas 76131  
Emergency Telephone: 817-232-1127  
Chemical Name and Synonyms: Plastics  
Chemical Family: Plastics  
Formula: Mixture

II. PRODUCT DESCRIPTION AND HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

See Chart Inside

III. PHYSICAL DATA

Melting Point F (C): See Chart  
Vapor Pressure: Not Applicable  
Vapor Density (Air = 1): Not Applicable  
Solubility in Water: Negligible  
Appearance and Odor: Various colors from white to black,  
in sheet, plate, bar, structurals  
or tubing.  
Specific Gravity( $H_2O = 1$ ): See Chart  
% Volatile by Volume (%): Not Applicable  
Evaporation Rate: Not Applicable

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point F(C): Not Applicable  
Extinguishing Media: Use Methods applicable to  
surrounding area.  
Special Fire Fighting Procedures: Use self-contained  
breathing apparatus  
for protection against  
degradation products  
from surroundings  
materials.

Flammable Limits: Not Applicable  
Unusual Fire and Explosion Hazards: None

V. HEALTH HAZARD DATA

Applicable Statutory of Recommended Occupational  
Exposure Limits: See Section II - Hazardous Ingredients.  
No TLV exists for plastic products, the hazards  
associated with plastic are for the individual  
constituents.

Emergency and First Aid Procedures: In the event of acute exposure, remove to fresh air, administer oxygen, and seek a physician's assistance.

VI. REACTIVITY DATA

Stability: Considered Stable

Incompatibility: Not incompatible with materials.

Hazardous Polymerization: Not Applicable

Hazardous Decomposition Products: See Chart

Conditions to Avoid: When heated to decomposition or composition temperatures products of decomposition include carbon dioxide, carbon monoxide and other volatiles as indicated.

VII. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Not Applicable

Waste Disposal Method: Approved method of solid waste disposal.

VIII. SPECIAL PROTECTION INFORMATION

When machining thermosetting plastic dry, a dusty condition may result. A suitable dust collection system should be employed along with a dust mask for respiratory protection. A protective cream or clothing should be used to protect skin for worker comfort. When machining any plastics, safety glasses or a face shield should be used.

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Not Applicable

Other Precautions: When fighting fires where plastics are burning a self contained breathing apparatus (SCBA) must be used.

GRADE	SPECIFIC GRAVITY	MELTING POINT °F	FLASH IGNITION TEMP. °F	HAZARDOUS PRODUCTS OF COMBUSTION
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THERMOSETS

Resin Reinforcement

Epoxy Glass	1.65 - 2.20	DNM*	Non-Volatile	Carbon Monoxide - Formaldehyde-Hydrogen Bromide
Polyester Glass	1.55 - 2.00	DNM	650	Carbon Monoxide
Vinyl Ester Glass	1.52 - 1.95	DNM	650	Carbon Monoxide
Polyester FR Glass	1.55 - 2.00	DNM	650	Carbon Monoxide - Hydrogen Bromide
Vinyl Ester FR Glass	1.52 - 1.95	DNM	650	Carbon Monoxide - Hydrogen Bromide

\* = DOES NOT MELT