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MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	Acculam™ Epoxyglas (NEMA Grades G10, G11, FR4, FR5)
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SECTION 1	NAME & HAZARD SUMMARY
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MANUFACTURER'S NAME:	Accurate Plastics, Inc.
ADDRESS:	18 Morris Place Yonkers, New York 10705-1929

EMERGENCY PHONE NUMBER:	914-476-0700
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DATE PREPARED:	11/30/01
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SECTION 2	HAZARDOUS INGREDIENTS / IDENTITY INFORMATION
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No OSHA Hazardous Ingredients
 Hazardous Mixtures of other Liquids, Solids or Gases %
 NOT APPLICABLE

TLV

ACGIH

Ingredients not precisely identified are proprietary or non hazardous. All ingredients appear on the EPA TSCA Inventory. Values are not product specifications.
 gt = greater than, lt = less than, ca = approximately

Hazard summary (as defined by OSHA Communications Standard, 29 CFR 1910.1200) :

PHYSICAL HAZARDS:	If material is sawed or machined, dust can be a hazard.
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HEALTH HAZARDS:	Dust inhalation (TLV)
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PRODUCT DESCRIPTION:	Product is composed of a thermoplastic polymer modified epoxy resin and E-glass cloth. It may contain halogenated organic compounds as a flame retardant, i.e. tetrabromobisphenol A derivatives.
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SECTION 3	PHYSICAL DATA
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MELTING POINT:	Not determined
BOILING POINT :	Not applicable
VAPOR PRESSURE (mmhg at 20° C) :	Not applicable
VAPOR DENSITY (air = 1) :	Not applicable
SOLUBILITY IN WATER :	Insoluble
PH :	Not applicable
SPECIFIC GRAVITY (H2O=0) (typical) :	1.6
% VOLATILE BY WEIGHT :	< 0.05%
APPEARANCE AND ODOR :	Odorless solid

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (AND METHOD) :

Not applicable

AUTO IGNITION TEMPERATURE :

Not applicable

FLAMMABLE LIMITS (STP) :

Not applicable

EXTINGUISHING MEDIA :

Water, foam, carbon dioxide

SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT :

Self-contained breathing apparatus with full face piece and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Dust from dry fabrication may be explosive if mixed with air in critical proportions in the presence of ignition source.

SECTION 5

REACTIVITY DATA

STABILITY :

Stable under normal conditions.
(Avoid heating above 450° F.)

INCOMPATIBILITY (MATERIALS TO AVOID) :

Exposure to strong acids or bases will cause surface damage.

HAZARDOUS DECOMPOSITION PRODUCTS :

Combustion products : Small quantities of HCN, CO, CO₂, approximately same as wood

HAZARDOUS POLYMERIZATION :

Will not occur. (Avoid heating above 450° F.)

SECTION 6

HEALTH HAZARD ASSESSMENT

GENERAL :

The health hazard assessment is based on an evaluation of the chemical composition together with information from a search of the scientific literature and other commercial sources.

INGESTION :

None

EYE CONTACT :

No irritation is likely to develop following contact with human eyes.

SKIN CONTACT :

No irritation is likely to develop following contact with human skin.

SKIN ABSORPTION :

This product will probably not be absorbed through human skin.

INHALATION :

May occur when sawing or machining.

**OTHER EFFECTS OF
OVEREXPOSURE :**

Dust can cause irritation to the eyes, nose, throat, and lungs. Prolonged inhalation of dust can produce lung disease.

FIRST AID PROCEDURES :

Remove to fresh air.

SKIN :

Wash material off the skin with plenty of soap and water.
If redness, itching, or a burning sensation develops, get medical attention.
For thermal burns, cool quickly with water and get medical attention.
Do not peel off solidified material.

MATERIAL SAFETY DATA SHEET (continued)**Acculam™ Epoxyglas (NEMA Grades G10, G11, FR4, FR5)**

EYES : Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

INGESTION : Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel.
(Never give anything by mouth to an unconscious person.)

NOTE TO PHYSICIAN : Prolonged eye irritation may occur from pieces of debris sticking to the eyeball or eyelids.

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE

MATERIAL IS SPILLED: None - solid material

DISPOSAL METHOD : Must comply with federal, state and local laws.

CONTAINER DISPOSAL : Puncture or otherwise destroy packaging material before disposal.

SECTION 8

CONTROL MEASURES

TLV® OR SUGGESTED CONTROL VALUE :

No TLV is assigned to this mixture. Minimize exposure to dust that may be generated from processing operations such as sawing or machining, in accordance with good hygiene practice.

API recommends that particle concentration be controlled to within the TLV level of 10mg / m3 or nuisance particles. The OSHA PEL for nuisance particles is 15 mg /m3.

VENTILATION :

Remove decomposition fumes with local exhaust if overheating occurs during processing (above 150°C).

RESPIRATORY PROTECTION (SPECIFY TYPE) :

If needed, use MSHA-NIOSH approved respirator for dusts, mists, and fumes whose TLV is greater than 0.05 mg/m3.

PROTECTIVE CLOTHING :

Use work gloves to avoid cuts from sharp edges. Protect from thermal effects when handling heated material.

EYE PROTECTION :

Safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT :

Eyewash station in work area.

SECTION 9

SPECIAL PRECAUTIONS OR OTHER COMMENTS

Use dust collection for sawing or machining.

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