

A. SCHULMAN INC. MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT AND MANUFACTURING IDENTIFICATION

Product Name: Polyflam RCP-770C Natural
Description: Custom Compounded Plastics
Item Number: 1002327
Revision Date: November 29, 2000

Contact for Information/ Manufacturer Identification:

A. Schulman Inc.
 1183 Home Ave
 Akron, OH 44310
 Environmental Affairs: 1-800-532-7786
 Customer Service: 1-800-54-RESIN

SECTION II HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	PEL (mg/M3)	TWA (mg/M3)	Max % by Wt.
32538-52-0	Brominated Diphenyl Ether	5.0	3.0	37.75
7440-36-0	Antimony Compounds	0.5	0.5	27.75

Does this product require reporting under SARA Title III? Yes
 Do the components of this product comply with TSCA regulations? Yes

Special characteristics or information:

Physical State of Product

If this product exists as a pellet, the above hazardous ingredients are encapsulated and pose no significant threat to human health or the environment. In any other physical state, potential for exposure exists. Grinding and chipping will change the physical state of the product.

SECTION III HAZARDS IDENTIFICATION

Primary routes of entry are ingestion of pellets and inhalation of dust. Ingestion is a low health risk because any potentially hazardous components are encapsulated. Inhalation of dust is a possibility in a regrind area. Potential for exposure exceeding the PEL exists. If adequate ventilation is not available in grinding areas respiratory protection is recommended for hazardous and/or nuisance dust.

SECTION IV FIRST AID MEASURES

The most probable injury associated with this product is thermal burns during processing. Hot plastic can stick to skin. This can aggravate burns. If a burn occurs cool the area as rapidly as possible. Use cool water, not ice. If plastic is stuck to skin, do not remove it. **SEEK MEDICAL ATTENTION.** If dust should get in eyes use available eye wash and get medical attention. If excess dust is inhaled, get medical attention. If pellets are ingested,

do not induce vomiting. **SEEK MEDICAL HELP.**

SECTION V FIRE FIGHTING MEASURES

The flash point of the material is over 400°F. If a fire should occur, toxic fumes and gases may be emitted. Wear self-contained breathing apparatus when fighting a fire. Carbon monoxide and other toxic substances may be in the air. Fire or explosion can occur from dust build-up. Use proper grounding and bonding techniques where dust concentrations are possible. Fight fires with water, CO₂, or dry chemical.

SECTION VI ACCIDENTAL RELEASE MEASURES

This product, as it is shipped to customers, is non-hazardous. If a spill should occur, sweep the material into proper containers and reuse or dispose of according to federal, state, and local regulations. If product is spilled in open environment it can float into waterways, fish and other wildlife may mistake it for food.

SECTION VII HANDLING AND STORAGE

This product is normally shipped in gaylord boxes. These boxes should be not be stored more than three (3) high. The boxes and plastic materials will burn in the presence of open flame. Do not weld or use open flame where product is stored without proper fire fighting prevention procedures.

SECTION VIII EXPOSURE CONTROLS & PROTECTIVE EQUIPMENT

Reference Sections III, IV, and V.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

This product is a solid pellet with a VOC content of less than 5 parts per million. Density will vary depending on color and components from 0.5 to 1.5. Therefore, the product can sink or float in water depending on the properties. The product is not soluble in water and is odorless at ambient temperature. During heating a characteristic plastic odor will be present. Localized ventilation is recommended.

SECTION X STABILITY AND REACTIVITY

This product is stable and non-reactive. Hazardous decomposition of products can occur if overheated or ignited.

SECTION XI TOXICOLOGICAL INFORMATION

The following chemicals are listed as known or suspected carcinogens per the National Toxicology Program (NTP), International Agency for Cancer Research (IARC), or California Proposition 65:

- Antimony Trioxide (Antimony compounds)
- Arsenic (inorganic)
- Cadmium compounds
- Carbon Black
- Chromium compounds
- Di(Ethylhexyl) Phthalate
- Lead Compounds
- Nickel compounds
- Crystalline Silica

If any of these chemicals are present in reportable weights within the product, they will be

listed on Page 1, Section II.

SECTION XII ECOLOGICAL INFORMATION

Refer to Section VI.

SECTION XIII DISPOSAL MEASURES

This product is non-hazardous as it arrives. If grinding occurs, some of the encapsulated components may present an environmental disposal problem. Refer to applicable federal, state, and local regulations.

SECTION XIV TRANSPORTATION INFORMATION

This product is not a regulated substance under Department of Transportation (DOT) regulations. All hazardous components, if any, are encapsulated.

SECTION XV REGULATORY INFORMATION

Reference Section II.

SECTION XVI OTHER

Definitions:

- CAS = Chemical Abstract Number
- OSHA = Occupational Safety and Health Act
- PEL = Permissible Exposure Limit
- TSCA = Toxic Substance Control Act
- TWA = Time Weighted Average
- SARA = Superfund Amendments and Reclamation Act
- VOC = Volatile Organic Chemical
- N/E = Not Established

Prepared by: gmf