

# A. SCHULMAN INC.

## MATERIAL SAFETY DATA SHEET

**SECTION I****PRODUCT AND MANUFACTURING IDENTIFICATION**

**Product Name:** Polypropylene PP 1498-01 Natural  
**Description:** Custom Compounded Plastics  
**Item Number:** 1000435  
**Revision Date:** February 11, 1999

**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.
	This product does not contain chemicals that are considered hazardous under 29 CFR 1910.1200.			

Does this product require reporting under SARA Title III? No  
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, CO<sub>2</sub>, 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

## **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: smf

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