

Colorant

Material Safety Data Sheet

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SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polyblak 4479 Black Concentrate
Description: Color Concentrate
Item Number: 1002051
Revision Date: January 19, 2012

Contact for Information / Manufacturer Identification:

A. Schulman Inc.
1183 Home Ave.
Akron, OH 44310
Environmental Affairs: 1-800-532-7786
(8:00 am - 5:00 pm EST - Monday through Friday)
Customer Service: 1-800-54-RESIN
Email: ea@us.aschulman.com

SECTION 2 HAZARDS IDENTIFICATION

2.1 Emergency Overview

HMIS (US only): Health 1, Fire Hazard 1, Reactivity 0

NFPA: Health 0, Flammability 0, Reactivity 0

2.2 OSHA Regulatory Status

All ingredients are encapsulated by the polymer and therefore not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.3 Potential Health Effects

Routes of entry for solids include eye and skin contact, ingestion, and inhalation. Refer to Section 4 for First Aid Measures.

2.4 Potential Environmental Effects

None Known.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CAS NUMBER	CHEMICAL NAME	MIN %	MAX %
1333-86-4	Carbon Black	Proprietary	Proprietary

SECTION 4 FIRST AID MEASURES

Eyes: Flush with water. If irritation persists seek medical attention.

Skin: For thermal burns, immediately flush with cold water. Do not attempt to remove polymer from skin. Seek medical attention.

Inhalation: Leave exposed area and seek fresh air. If irritation persists seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

SECTION 5 FIRE FIGHTING MEASURES

Wear protective clothing and use self-contained breathing equipment. Extinguishing media to include water, foam, CO₂, and dry chemical.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spilled material may cause a slip hazard. Vacuum or sweep material and place in a disposal container.

SECTION 7 HANDLING AND STORAGE

Handling: See 8.3 Personal Protective Equipment

Storage: Keep container closed to prevent contamination

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Guidelines

CHEMICAL	PEL(mg/M3)	TWA(mg/M3)
Carbon Black	3.500	3.500

Special characteristics or information:

No special characteristics listed for this product.

8.2 Engineering Controls

Localized ventilation is recommended.

8.3 Personal Protective Equipment

Eyes/Face: Safety Glasses.

Hands: Cotton Gloves for handling molten plastic.

Skin: Protective clothing for contact with molten plastic.

Respirator: NIOSH approved respirator for dust generation from normal processing operations.

Hygiene: Wash thoroughly after handling and before eating or drinking.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Condition:	Solid Pellet
Odor:	Odorless at ambient temperature Characteristic plastic odor during heating
Flash Point:	Over 400°F
Flammability (solid, gaseous):	Not reasonably applicable
Minimum limit of Explosion:	Not reasonably applicable
Maximum limit of Explosion:	Not reasonably applicable
Vapor Pressure:	Not reasonably applicable
Relative density:	0.5 - 1.5 g/ml
Bulk density:	No data available
Water solubility:	Insoluble
pH Value:	Not reasonably applicable
VOC Content:	Less than 5 parts per million

SECTION 10 STABILITY AND REACTIVITY

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

SECTION 11 TOXICOLOGICAL INFORMATION

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

SECTION 12 ECOLOGICAL INFORMATION

Refer to Section 6.

SECTION 13 DISPOSAL CONSIDERATIONS

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

SECTION 14 TRANSPORT INFORMATION

This Product is not regulated under the following regulations:

United States Department of Transportation (DOT)

United States Coast Guard Regulations

International Maritime Organization (IMO) regulations

International Civil Aviation Organization (ICAO) regulations

International Air Reports Association (IATA) regulations

Canadian Transportation of Dangerous Goods (TDG) regulations

European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR) regulations

European Agreement Concerning the International Carriage of Dangerous Goods by Rail (RID) regulations

Australian Dangerous Goods (ADG) regulations

SECTION 15 REGULATORY INFORMATION

Reference Section 3.

All Components of this product are on or exempt from listing on the US TSCA inventory and on Canadian DSL inventory.

SARA Title III Reporting: Not Required

SECTION 16 OTHER INFORMATION

Definitions:

CAS = Chemical Abstract Number

DSL = Domestic Substance List

OSHA = Occupational Safety and Health Act

PEL = Permissible Exposure Limit

TSCA = Toxic Substance Control Act

SARA = Superfund Amendments & Reclamation Act

VOC = Volatile Organic Chemical

N/E = Not Established

Prepared By: smf