

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Schoenberg Performance Polymers (BSC 50-100)
Product Description: Polyethylene, Polypropylene Black Masterbatch Concentrate. Versatile dark mass tone and high tint strength pellet. Suitable for plastic tubing, profile, sheet, blow molding and injection molding applications.

MANUFACTURER:

B. Schoenberg & Co., Inc.
345 Kear Street
Yorktown, NY 10598

EMERGENCY PHONE NUMBER:

(914) 962- 1200 M-F 8:30am- 4:30pm

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200) Not classified

GHS Label elements, including precautionary statements

Emergency Overview

The product contains no substance which at their given concentration are considered to be hazardous to health.

Appearance: Black Physical State: Solid, Pellets
Odor: Characteristic plastic odor during heating process.

Precautionary Statements

Prevention: None
General Advice: None
Hazard Not Otherwise Classified (HNOC): Not applicable

Additional Information

Contact with molten material will cause thermal burns.
2% of the mixture consists of ingredients(s) of unknown toxicity.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>APPROX. WT.%</u>	<u>OSHA PEL</u>	<u>CAS Registry #</u>
Carbon Black	N/A	3.5 mg/m ³	1333-86-4

Raw materials not mentioned are not considered hazardous ingredients as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eye Contact: None normally required.
Skin Contact: None normally required.
Inhalation: None under normal use.
Ingestion: None under normal use.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/effects None known

Indication of immediate medical attention and special treatment needed, if necessary

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures such as foam, carbon dioxide (CO₂), dry chemical, or water fog.

Unsuitable Extinguishing Media None (Use standard procedures for Class A fires.)

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products such as Carbon monoxide, Carbon dioxide, Hydrogen fluoride, Carbonyl fluoride.

Explosion Data

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Protective Equipment for Firefighters

Wear full protective firefighting gear (Bunker gear) including self-contained breathing apparatus pressure-demand, MSHA/NIOSH.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: None required for material as supplied.

Environmental Precautions

See Section 12 for additional Ecological information.

Methods and materials for containment, clean-up

Methods for Containment None required.

Methods for Clean-up Pick up and transfer into properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and facility safety practices.

Conditions for safe storage, including any incompatibilities

Storage: Keep away from extreme temperatures and package in properly labeled containers.

Incompatible Products: None based on information supplied.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters

Exposure Guidelines: Potentially hazardous components are incorporated into the Polymer matrix of the product as sold. If product is ground into respirable dust particles potential exposure is possible.

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
Carbon black 1333-86-4	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³ (vacated) TWA 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH TLV (American Conference of Governmental Industrial Hygienists- Threshold Limit Value)

OSHA PEL (Occupational Safety and Health Administration- Permissible Exposure Limits)

NIOSH IDLH (National Institute for Occupational Safety and Health- Immediately Dangerous to Life or Health)

Appropriate engineering controls

Engineering Measures: None under normal use conditions.

Individual protection measures, personal protective equipment

Eye/Face Protection: No special protective equipment required.

Skin and Body Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Hygiene Measures: Handle in accordance with industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Solid, Granules, Pellets	Appearance:	Black
Odor:	Characteristic plastic odor during heating	Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks- Method</u>
PH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Upper Flammability Limit in Air	No data available	None known
Lower Flammability Limit in Air	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Insoluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto Ignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Flammable Properties	Not flammable	
Explosive Properties	No data available	
Oxidizing Properties	No data available	

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from flames and hot surfaces.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen fluoride. Carbonyl fluoride.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information:

Inhalation None under normal use conditions.
Eye Contact None under normal use conditions.
Skin Contact None under normal use conditions.
Ingestion None under normal use conditions.
Component Information No information available.

Delayed and immediate effects also chronic effects from short and long term exposure

Skin Corrosion/Irritation None.
Eye Damage/Irritation None.
Irritation None known.
Sensitization No information available.
Mutagenic Effects No information available.
Carcinogenicity This product contains carbon black which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is not in a respirable form. (Plastic pellet form only)

<u>Chemical Name</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Carbon Black	A3	Group 2B	-	X

ACGIH: (American Conference of Governmental Industrial Hygienists)
A3- Animal Carcinogen

IARC: (International Agency for Research on Cancer)
Group 2B- Possibly Carcinogenic to Humans

Reproductive Toxicity None known.
STOT- single exposure No information available.
STOT- repeated exposure No information available.
Aspiration Hazard Not applicable.

Numerical Measures of Toxicity- Product

Acute Toxicity 2% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data is available at this time. This is an inert plastic product. No adverse environmental effects are expected from normal use or disposal per local, state & federal regulations.

<u>Chemical Name</u>	<u>Toxicity to Algan</u>	<u>Toxicity to Fish</u>	<u>Toxicity to Microorganisms</u>	<u>Toxicity to Invertebrates</u>
Carbon Black 1333-86-4				Daphnia Magna (Water Flea) EC50 24 h: > 5600 mg/L

Persistence and Degradability No information available.
Bioaccumulation No information available.
Other Adverse Effects No information available.

13. DISPOSAL CONSIDERATION

Incidental Spillage	Sweep up material for reuse or dispose of per local, state and federal regulations.
Waste Disposal Methods	Dispose of in accordance with local, state and federal regulations. State and local regulations may apply if different from federal.
Contaminated Packaging	Not Applicable.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated

Transport hazard class(es): Not applicable
Packaging group, if applicable: Not applicable
Special precautions for user: None

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies

Legend

TSCA- United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL- Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies carbon black as A4- Not Classifiable as a Human Carcinogen. There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

California Safe Drinking Water and Toxics Enforcement Act of 1986 (Proposition 65). This product contains the following Proposition 65 chemicals:

<u>Chemical Name</u>	<u>CAS-No</u>	<u>California Prop. 65</u>
Carbon Black	1333-86-4	Carcinogen

U.S. State Right-to-Know Regulations

<u>Chemical Name</u>	<u>New Jersey</u>	<u>Massachusetts</u>	<u>Pennsylvania</u>	<u>Illinois</u>	<u>Rhode Island</u>
Carbon Black	X	X	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazard 2	Flammability 0	Instability 0	Physical and Chemical Hazards –
<u>HMIS</u>	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal Protection X

SDS # Blk-789 Revision #: 0 Date of Revision: 10/5/20 Supersedes Rev: N/A Date: N/A

THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY B. SCHOENBERG & CO., INC. PURSUANT TO OSHA REGULATIONS, 29 CFR 1910.1200. THE INFORMATION PROVIDED HEREWITHIN ARE BELIEVED TO BE TRUE AND ACCURATE BUT ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED. THE INFORMATION IS NOT INTENDED TO COVER EVERY CONCEIVABLE USE OR HANDLING OF THE MATERIAL AND MAY REQUIRE ADDITIONAL INFORMATION OTHER THAN WHAT IS CONTAINED IN THE SHEET.