

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Schoenberg Performance Polymers
BSC 50-100 Masterbatch black color concentrate

SCC Code: 21270

Section I

Manufacturer's name

B. Schoenberg & Co., Inc.

Emergency Telephone Number

914-962-1200

Address (Number, Street, City, State and ZIP Code)

345 Kear Street, Yorktown, NY 10598

Telephone Number for Information

914-962-1200

Date Prepared Revised 1/1/2002

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

% (optional)

Carbon black (Channel black)

3.5 mg/M3*

3.5 mg/M3*

* indicates dust/mist

% mm Hg @ TEMP

NTP

IARC

OSHA

PROP65

T3CA

313

24.9993

N

Y

N

N

Y

N

Components on TSCA list.

See last page

Section III—Physical/Chemical Characteristics

Boiling Point N/A

Specific Gravity (H₂O = 1) _____

Vapor Pressure (mm Hg) _____

Melting Point _____

Vapor Density (AIR = 1) Lighter than air

Evaporation Rate (Butyl Acetate = 1) Slower than ether

Solubility in Water Negligible

Appearance and Odor

Black pellet – negligible odor

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) _____

Flammable Limits

LEL

UEL

Extinguishing Media

Foam, Alcohol foam, Co2, Dry chemical, water fog

Special Fire Fighting Procedures

Standard procedures for class A fires

Unusual Fire and Explosion Hazards

Product as shipped is not a flammable dust. However it can be a flammable dust when fines <200mm are suspended in air.

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*) Strong oxidizing agents. Avoid contact with strong oxidizing agents

Hazardous Decomposition or Byproducts None known

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
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Health Hazards (*Acute and Chronic*) Product may cause minor skin irritation. Carbon black can cause nose, throat and lung irritation. Can cause chest pain, difficulty breathing, headache and possibly lung damage. Precautions against breathing dust should be followed when handling and working with material containing carbon black.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
See last page	See first page	See first page	See first page

Signs and Symptoms of Exposure INHALATION: May cause chest pain or difficulty breathing at exposures above occupational exposure limit. SKIN AND EYE CONTACT: May cause redness or swelling to eyes. INGESTION: None known. SKIN ABSORPTION: Not likely to occur.

Medical Conditions Generally Aggravated by Exposure See health hazards (acute and chronic) section above.

Emergency and First Aid Procedures For molten resin on skin: Remove under running stream of water. Do not attempt to remove resin from skin. Get medical attention. For eyes: This product is a solid. Remove as one would any foreign object. Inhalation: In case of adverse exposure to vapors and or aerosols formed at elevated temperatures, immediately remove victim from exposure. Administer artificial respiration if breathing has stopped. Get medical attention. Ingestion: Not anticipated.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Sweep up material for reuse or disposal.

Waste Disposal Method Dispose of in accordance with local, state and federal regulations. State or local regulations may apply if different from the federal.

Precautions to Be Taken in Handling and Storing Keep away from sparks and open flame. This product may react with strong oxidizing agents and should not be stored near such materials. Store in a sprinklered warehouse.

Other Precautions

Section VII—Control Measures

Respiratory Protection (*Specify Type*) Appropriate respirator selected and used in accordance with OSHA subpart 1 (29 C FR 1910.134) required when exposure to airborne contaminate is likely to exceed limits for nuisance dusts.

Ventilation	Local Exhaust	Special
	Mechanical (<i>General</i>) Recommended over extruders.	Other

Protective Gloves Recommended Eye Protection Safety glasses with side shields recommended

Other Protective Clothing or Equipment _____

Work/Hygienic Practices Use good industrial hygiene practices

CARCINOGENICITY

Carbon black has been evaluated by the IARC as possibly carcinogenic to humans. (Group 2B) NIOSH recommends that only carbonblack with PAH >.1% be suspected carcinogens. The ACGIH (American Conference of Governmental Industrial Hygienists) classifies carbonblack as A4 – Not Classifiable as a Human Carcinogen. Modern production and quality control procedures are able to maintain absorbed PAH levels to less than 0.1% in carbon black.

REGULATORY INFORMATION

<u>Chemical Common Name</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>	<u>%mm Hg @ TEMP</u>	<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>	<u>PROP65</u>	<u>TSCA</u>	<u>313</u>
Arsenic	7440-38-2	.5MG/M3	.2MG/M3	TWA.5MG/M3	.00025	Y	Y	Y	Y	Y	
Cadmium	7440-43-9	.2MG.M3Cd	.01MG/M3Cd		.00025	Y	Y	N	Y	Y	
Chromium VI	7440-47-3	.012MG.M3	0.012MG/M3		.00025	Y	Y	N	Y	Y	Y
Mercury	7439-97-6	.01MG/M3			.00025	N	N	N	Y	Y	