

SAFETY DATA SHEET

IG-150 Black

Date Prepared: 01-18-2021

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : IG-150 Black

FORMULA NUMBER : JH3920

RECOMMENDED USE: Epoxy

MFG'S NAME: IG Products
11 Old Dock Rd.
Yaphank, NY 11980
(631)-247-0744

EMERGENCY TELEPHONE NO.:1-800-332-3883

SECTION 2: HAZARD IDENTIFICATION

HMIS RATING:

Health = 1 Flammability = 3 Reactivity = 0 Protection = B

0=Insignificant 1=Slight 2=Moderate 3=Serious 4=Severe

Potential Health Effects

Eye Contact: May cause moderate eye irritation and burns

Skin Contact: May cause skin irritation, defatting, dermatitis,
local redness, allergic skin reactions and sensitization.

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory irritation.
Excessive exposure may cause severe irritation, to upper respiratory
tract and lungs.

Ingestion: May cause irritation, nausea, vomiting and diarrhea and/or burns
to the mouth and throat. Aspiration of material into lungs can cause
chemical pneumonitis which can be fatal.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredients	CAS #	% Wt
epoxy ester	68552-26-1	5 - 10 %
alumino-silicate mineral	37244-96-5	20 - 30 %
calcium metasilicate	13983-17-0	< 4%
carbon black	1333-86-4	< 0.5 %
silicon dioxide	14808-60-7	20 - 30 %
aluminum oxide	1344-28-1	10 - 20 %
xylene	1330-20-7	10 - 20 %
1-methoxy-2-propanol	107-98-2	< 1 %

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: If irritation or other symptoms occur or persist from any route of
of exposure, remove the affected individual from the area: see a physician and
get medical attention if symptoms occur.

Eye Contact: Flush immediately with large volumes of water for at least 15 mins.
Get medical treatment.

Inhalation: Remove to fresh air. Restore breathing. Treat symptomatically.
Get medical attention.

Skin Contact: Wash affected area with soap & water. Remove contaminated
clothing. Consult a physician if irritation persists

Ingestion: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting.

Aspiration of material into lungs can cause chemical pneumonitis which
can be fatal. Consult physician or Poison Control Center Immediately.

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point Deg F - 81
 Method Used - TCC
 Extinguishing Media - Dry Chemical, Foam, or Carbon Dioxide. Water may be ineffective.
 Special Fire Fighting Procedures - Fight as volatile liquid fire. Use water to keep fire-exposed containers cool to reduce pressure.
 Unusual Fire and Explosion Hazards - Keep away from heat sparks and open flame.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures
 Spills - Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and pick up with shovel.
 Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Stop spill at source.
 This product, if disposed of as shipped meets EPA criteria as a hazardous waste as specified in 40 CFR261 on the basis of ignitability. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

SECTION 7: HANDLING AND STORAGE

Respiratory Protection - NIOSH approved organic vapor cartridge or respirator designed to remove combination of particulates and vapor where concentrations are encountered.
 Ventilation - Local exhaust capable of minimizing vapor concentrations. Use with adequate ventilation.
 Precautions to be taken in handling & storage - Practice reasonable care and cleanliness.
 Do not store or use near heat, sparks or open flame.
 Other Precautions - Avoid gross contamination of skin. Wash off with Soap and Water.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Limits 8 hrs. TWA

Ingredients	OSHA PEL	ACGHI TLV
epoxy ester	* none	* not est
alumino-silicate mineral	10 mg/m3 dust	10 mg/m3 (dust)
calcium metasilicate	15 mg/m3 dust	10 mg/m3 dust
carbon black	3.5 mg/m3 dust	3.5 mg/m3 dust
silicon dioxide	0.3 mg/m3 dust	0.025mg/m3 dust
aluminum oxide	5 mg/m3 dust	1 mg/m3 dust
xylene	100 ppm	100 ppm
1-methoxy-2-propanol	100 ppm	100 ppm

Personal Protection

Eye Protection: Safety glasses with side shields or splashproof goggles.
 Respiratory Protection - NIOSH approved chemical/mechanical filters designed to remove a combination of particulates and vapor where concentrations are encountered.
 Protective Gloves - Neoprene or Nitrile rubber gloves
 Other - Impervious apron and boots; eye wash.

Engineering Controls

Ventilation: Local exhaust capable of minimizing vapor or dust concentrations.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point deg.F - 280	Weight\Gallon @77F- 13.99 lbs
Vapor Pressure- 6 mm Hg	% volatile by vol.- 30 - 45%
Vapor Density - 4.6	Evaporation Rate - 0.7
	BuAc=1

SECTION 10: STABILITY AND REACTIVITY

Stability - STABLE - Hazardous polymerization CANNOT occur.
Conditions to Avoid -Avoid contact with strong oxidizing agents or elevated temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects

Eye Contact: May cause serious eye irritation, burns, pain, redness.

Skin Contact: May cause skin irritation, defatting, dermatitis, local redness, allergic skin reactions and sensitization.

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory irritation. Excessive exposure may cause severe irritation, to upper respiratory tract and lungs.

Ingestion: May cause irritation, nausea, vomiting and diarrhea and/or burns to the mouth and throat. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

SPECIAL DATA:

The carbon black pigment in this product contains less than 0.1% polynuclear aromatic hydrocarbons (PAH) , some of which, in non-adsorbed form, have been found to be carcinogens in animal studies. Carbon Black has not been listed by the NTP or OSHA. NIOSH recommends that only carbon blacks with a PAH level greater than 0.1% be considered suspect carcinogens. The International Agency for Research on Cancer (IARC) classifies carbon black as a suspect human carcinogen based on animal studies. Since the carbon black is not present in respirable form and encapsulated in the coating no over exposure to airborne dusts is to be expected.

This product contains silicon dioxide/silica. The International Agency for Research on Cancer ("IARC") concluded that there was "sufficient evidence in humans for the carcinogenicity of crysalline silica in the forms of quartz or crystobalite from occupational sources.", the overall IARC evaluation was that "crystalline silica inhaled in the form of quartz or crystobalite from occupational sources is carcinogenic to humans (Group 1). NTP, in its Ninth Annual Report on Carcinogens, has classified "silica, crystalline (respirable)" to be a carcinogen." Crystalline silica is not regulated by OSHA as a carcinogen. Since most silicon dioxide/silica is of non-respirable size and all is encapsulated in the coating no over exposure to airborne dusts is to be expected. However, during removal by mechanical abrasion, appropriate safety practices should be followed to prevent inhalation of airborne dusts.

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SECTION 12: ECOLOGICAL INFORMATION

Mobility: Water Contaminating.

Do not allow material to escape into waters, wastewater or soil.

Persistence and degradability: Not inherently biodegradable.

Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

Toxicity: Material may be toxic to aquatic organisms as shipped.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dump into sewers, on the ground, or into any body of water.

All disposal practices must be in compliance with all Federal, State and local laws and regulations.

This product, if disposed of as shipped meets EPA criteria as a hazardous waste as specified in 40 CFR261 on the basis of ignitability.

Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

SECTION 14: TRANSPORT INFORMATION

DOT Classification - Paint, 3 (Flammable Liquid), UN1263, III
Gallon size or less ships Limited Quantity (Consumer Commodity).

SECTION 15: REGULATORY INFORMATION

This product contains the following chemical(s) subject to the reporting requirements of SARA 313.

CAS #	Chemical Name	% by Wt.
1330-20-7	xylene	10 - 20 %

All the ingredients of this product are on the TSCA inventory list.

All the ingredients in this product are listed on the Canadian DSL

US federal regulations: This product is a 'hazardous chemical' as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 16: OTHER INFORMATION

Prepared by: IG Products

Date Printed: 01-18-2021

The Following is in lieu of all warranties, expressed or implied:

All information provided is based on testing and data believed to be accurate.

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