

SAFETY DATA SHEET

IG- 9500 Antislip Blk Resin
Date Prepared: 01-18-2021

Page 1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : IG-9500 Antislip Blk Resin FORMULA NUMBER : J23566

RECOMMENDED USE: Epoxy

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

EMERGENCY TELEPHONE NO.: 800-332-3883

SECTION 2: HAZARD IDENTIFICATION

HMIS RATING:

Health = 2 Flammability = 1 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 resin	25068-38-6	60 - 75 %
iron oxide black	1317-61-9	5 - 10 %
carbon black	1333-86-4	< 2%
alumino-silicate mineral	37244-96-5	10 - 20 %
talc	14807-96-6	10 - 20 %
amorphous silica	67762-90-7	< 0.5 %
hydrocarbon solvent	64742-88-7	< 0.5 %

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.

SAFETY DATA SHEET

IG-9500 Antislip Blk Resin

Page 2

SECTION 5: FIRE FIGHTING MEASURES

Flash Point Deg F - 400	Flammability Limits
Method Used - TCC	Lel - N/A Uel - N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures

Spills - Absorb liquid on paper and pick up with shovel.
 Powders and cements may be swept up using dustless method.
 Waste Disposal Methods - Place in closed containers. Do not close containers tightly as gassing may develop in some products. Dispose of in an approved land fill in accordance with local and federal regulations.
 This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR261.

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 resin	* not est	* not est
iron oxide black	10 mg/m3 dust	10 mg/m3 dust
carbon black	3.5 mg/m3 dust	3.5 mg/m3 dust
alumino-silicate mineral	10 mg/m3 dust	10 mg/m3 (dust)
talc	2 mg/m3 dust	2 mg/m3 dust
amorphous silica	* non haz	* non haz
hydrocarbon solvent	200 ppm	200 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.

SAFETY DATA SHEET

IG-9500 Antislip Blk Resin

Page 3

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point deg.F - 500	Weight\Gallon @77F- 11.98 lbs
Vapor Pressure- 5.1 mmHg	% volatile by vol.- less than 2%
Vapor Density - 3.6	Evaporation Rate - 0.7
	BuAc=1

SECTION 10: STABILITY AND REACTIVITY

Stability - STABLE - Hazardous polymerization may occur.
Conditions to Avoid -Avoid contact with Acids and Oxidizing agents.
Thermal Decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen.

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.

SAFETY DATA SHEET

IG-9500 Antislip Blk Resin

Page 4

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.

Waste Disposal Methods - Place in closed containers. Do not

Dispose of in an approved land fill in accordance with local and federal regulations.

This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR261.

SECTION 14: TRANSPORT INFORMATION

DOT Classification - Paint (NOT REGULATED)

SECTION 15: REGULATORY INFORMATION

SARA 313 Chemicals : None

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: 01-18-2016

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

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

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SAFETY DATA SHEET

IG-9500 Hardener

Date Prepared: 01-18-2016

Page 1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : IG-9500 Hardener

FORMULA NUMBER : J23600

RECOMMENDED USE: Epoxy Hardener

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

EMERGENCY TELEPHONE NO.: 800-332-3883

SECTION 2: HAZARD IDENTIFICATION

HMIS RATING:

Health = 3 Flammability = 1 Reactivity = 1 Protection = H

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

Potential Health Effects

Eye Contact: May cause severe irritation and burns with corneal injury that may result in permanent impairment of vision, even blindness.

Skin Contact: Contact may cause skin irritation, burns, dermatitis, swelling, local redness, allergic skin reactions and sensitization.

Inhalation: Vapor from heated material or mists may cause serious adverse effects. 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.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredients	CAS #	% Wt
polyamide	68410-23-1	60 - 75 %
propoxylated polyamines	26950-63-0	5 - 10 %
nonyl phenol	84852-15-3	20 - 30 %

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: If irritation or other symptoms occur or persist from any route 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 30 mins. Remove contact lenses after the first 5 minutes & continue washing for 30 mins. Obtain prompt medical attention.

Skin Contact: Wash well with soap & water, remove contaminated clothing.

Inhalation: Remove to fresh air. Give Oxygen if breathing is difficult.

Get medical attention.

Ingestion: Drink 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Do not give anything to person unless they are fully conscious.

Consult physician or Poison Control Center Immediately.

SAFETY DATA SHEET

IG-9500 Hardener

Page 2

SECTION 5: FIRE FIGHTING MEASURES

Flash Point Deg F - 270
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 and pick up with shovel.
Powders and cements may be swept up using dustless method.
Waste Disposal Methods - Place in closed containers. Do not close containers tightly as gassing may develop in some products. Dispose of in an approved land fill in accordance with local and federal regulations.
This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR261.

SECTION 7: HANDLING AND STORAGE

Respiratory Protection - NIOSH approved organic vapor cartridge or respirator designed to remove combination of particulates and vapor in the absence of adequate ventilation or confined areas.
Ventilation - Local exhaust recommended when appropriate to control employee exposure.
Protective Gloves - Impervious gloves
Eye Protection - Chemical Splash Goggles
Other - Eye Wash
Precautions to be taken in handling and storage - Practice reasonable care and cleanliness.
Store material in cool dry location away from heat, sparks and open flame.
Other - Avoid gross contamination of skin and wash with soap & water promptly.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ingredients	OSHA PEL	ACGHI TLV
polyamide	* not est	8 gm/kg (skin)
propoxylated polyamines	* not est	* not est
nonyl phenol	* not est	* not est

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.

SAFETY DATA SHEET

IG-9500 Hardener

Page 3

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point deg.F - 496	Weight\Gallon @77F- 8.03 lbs
Vapor Pressure- <1 mm Hg	% volatile by vol.- None
Vapor Density - heavier than air	Evaporation Rate - N/A
	BuAc=1

SECTION 10: STABILITY AND REACTIVITY

Stability - STABLE - Hazardous polymerization CANNOT occur.
Conditions to Avoid -Avoid contact with Acids and Oxidizing agents.
Thermal Decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects

Eye Contact: May cause severe irritation and burns with corneal injury that may result in permanent impairment of vision, even blindness.

Skin Contact: Contact may cause skin irritation, burns, dermatitis, swelling, local redness, allergic skin reactions and sensitization.

Inhalation: Vapor from heated material or mists may cause serious adverse effects. 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.

SPECIAL DATA:

Corrosive - contains nonyl phenol which causes severe eye and skin burns. May cause blindness. Harmful or Fatal if swallowed.

Prevent all body contact with all spilled material.

Causes burns to eyes, skin and respiratory tract. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities.

SAFETY DATA SHEET

IG-9500 Hardener

Page 4

SECTION 12: ECOLOGICAL INFORMATION

Mobility: Water Contaminating.

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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.

Waste Disposal Methods - Place in closed containers. Do not Dispose of in an approved land fill in accordance with local and federal regulations.

This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR261.

SECTION 14: TRANSPORT INFORMATION

DOT Classification - Paint, 8 (Corrosive), UN3066, III
Quart size or less ships Limited Quantity (Consumer Commodity).

SECTION 15: REGULATORY INFORMATION

SARA 313 Chemicals : None

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

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