

SAFETY DATA SHEET

Metal Primer Gray Part A
Date Prepared: 01-18-2021

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Metal Primer Gray Part A FORMULA NUMBER : JH0021

RECOMMENDED USE: Epoxy

MFG'S NAME: IG Products
11 Old Dock Rd.
Yaphank, NY 11980
(631)-247-0744
CAGE CODE: 78YN6
EMERGENCY TELEPHONE NO.:1-800-332-3883

SECTION 2: HAZARD IDENTIFICATION

HMIS RATING:

Health = 2 Flammability = 1 Reactivity = 0 Protection = C

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	20 - 30 %
aliphatic glycidyl ether	68609-97-2	< 1 %
amorphous silica	67762-90-7	< 0.5 %
alumino-silicate mineral	37244-96-5	30 - 40 %
titanium dioxide	13463-67-7	< 5 %
carbon black	1333-86-4	< 0.5 %
calcium magnesium silicate	14807-96-6	10 - 20 %
aromatic naphtha	64742-95-6	5 - 10 %
methyl n-amyl ketone	110-43-0	5 - 10 %
1-methoxy-2-propanol	107-98-2	< 3%
butyl acetate	123-86-4	< 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.

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point Deg F - 102
 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	ACGIH TLV
epoxy resin	* not est	* not est
aliphatic glycidyl ether	* not est	* not est
amorphous silica	* non haz	* non haz
alumino-silicate mineral	10 mg/m3 dust	10 mg/m3 (dust)
titanium dioxide	10 mg/m3 dust	10 mg/m3 dust
carbon black	3.5 mg/m3 dust	3.5 mg/m3 dust
calcium magnesium silicate	2 mg/m3 dust	2 mg/m3
aromatic naphtha	100 ppm	100 ppm
methyl n-amyl ketone	100 ppm	50 ppm
1-methoxy-2-propanol	100 ppm	100 ppm
butyl acetate	150 ppm	150 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 - 296.6	Weight\Gallon @77F- 13.72 lbs
Vapor Pressure- 8.4 mmHg	% volatile by vol.- 25 - 35%
Vapor Density - 4	Evaporation Rate - 1
	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:

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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

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: 01-18-2021

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

Metal Primer Hardener PT B
Date Prepared: 01-18-2021

Page 1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Metal Primer Hardener PT B FORMULA NUMBER : JH0022

RECOMMENDED USE: Epoxy Hardener

MFG'S NAME: IG Products
11 Old Dock Rd.
Yaphank, NY 11980
(631)-247-0744
CAGE CODE: 78YN6
EMERGENCY TELEPHONE NO.:1-800-332-3883

SECTION 2: HAZARD IDENTIFICATION

HMIS RATING:

Health = 3 Flammability = 2 Reactivity = 0 Protection = B

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/epoxy adduct	68424-41-9	30 - 40 %
amidoamine resin	68443-08-3	10 - 20 %
aromatic naphtha	64742-95-6	< 4%
methyl n-amyl ketone	110-43-0	< 4%
1-methoxy-2-propanol	107-98-2	10 - 20 %

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.

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Metal Primer Hardener PT B

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point Deg F - 100
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.
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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

Exposure Limits 8 hrs. TWA

Ingredients	OSHA PEL	ACGHI TLV
polyamide/epoxy adduct	* not est	* not est
amidoamine resin	* not est	* not est
aromatic naphtha	100 ppm	100 ppm
methyl n-amyl ketone	100 ppm	50 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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Metal Primer Hardener PT B

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point deg.F - N/A	Weight\Gallon @77F-	7.88 lbs
Vapor Pressure- N/A	% volatile by vol.-	30 - 45%
Vapor Density - heavier than air	Evaporation Rate	- .4
	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

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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

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