

SAFETY DATA SHEET

MIL-W-5044 TYPE 2 BLACK
Date Prepared: 01-18-2021

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : MIL-W-5044 TYPE 2 BLACK FORMULA NUMBER : JH3900

RECOMMENDED USE: Wing Walk, Antislip Coating

MFG'S NAME: IG Products
11 Old Dock Rd.
Yaphank, NY 11980
(631)-247-0744
CAGE CODE: 78YN6 NSN:8010-00-42-6525
EMERGENCY TELEPHONE NO.: 800-332-3883

SECTION 2: HAZARD IDENTIFICATION

HMIS RATING:

Health = 2 Flammability = 3 Reactivity = 1 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
alkyd resin	* secret	10 - 20 %
alumino-silicate mineral	37244-96-5	30 - 40 %
carbon black	1333-86-4	< 0.5 %
walnut shell grit	*not avail	10 - 20 %
aliphatic solvent	64742-89-8	10 - 20 %
hydrocarbon solvent	64742-88-7	< 5 %
t-butyl acetate	540-88-5	1 - 10 %

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 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 - 55 Flammability Limits
 Method Used - TCC Lel - N/A Uel - N/A
 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
alkyd resin	* not haz	* not haz
alumino-silicate mineral	10 mg/m3 dust	10 mg/m3 (dust)
carbon black	3.5 mg/m3 dust	3.5 mg/m3 dust
walnut shell grit	* non haz	* non haz
aliphatic solvent	300 ppm	300 ppm
hydrocarbon solvent	200 ppm	200 ppm
t-butyl acetate	1500 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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point deg.F - 208	Weight\Gallon @77F- 10.78 lbs
Vapor Pressure- 45 mm Hg	% volatile by vol.- 30 - 45%
Vapor Density - heavier than air	Evaporation Rate - 1.6
Appearance: Viscous Liquid	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.

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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 lieu of all warranties, expressed or implied:

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

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