

SAFETY DATA SHEET

MIL-W-5044 TYPE 1 BLACK  
Date Prepared: 01-18-2021

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION  
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PRODUCT NAME : MIL-W-5044 TYPE 1 BLACK      FORMULA NUMBER : JH3895

RECOMMENDED USE: Wingwalk, Antislip Coating

MFG'S NAME: IG Products  
11 Old Dock Rd.  
Yaphank, NY 11980  
(631)-247-0744  
CAGE CODE: 78YN6      NSN: 8010-00-641-0429  
EMERGENCY TELEPHONE NO.: 800-332-3883

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SECTION 2: HAZARD IDENTIFICATION  
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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.

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SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS  
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| Ingredients              | CAS #      | % Wt      |
|--------------------------|------------|-----------|
| alkyd resin              | * secret   | 10 - 20 % |
| alumino-silicate mineral | 37244-96-5 | 40 - 50 % |
| carbon black             | 1333-86-4  | < 0.5 %   |
| aliphatic solvent        | 64742-89-8 | 10 - 20 % |
| hydrocarbon solvent      | 64742-88-7 | < 5 %     |
| t-butyl acetate          | 540-88-5   | 1 - 5 %   |

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SECTION 4: FIRST AID MEASURES  
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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 - 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  |
| 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  
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|                                  |                               |
|----------------------------------|-------------------------------|
| Boiling Point deg.F - 208        | Weight\Gallon @77F- 10.94 lbs |
| Vapor Pressure- 45 mm Hg         | % volatile by vol.- 40 - 50%  |
| Vapor Density - heavier than air | Evaporation Rate - 1.6        |
|                                  | BuAc=1                        |

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SECTION 10: STABILITY AND REACTIVITY  
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Stability - STABLE - Hazardous polymerization CANNOT occur.  
Conditions to Avoid -Avoid contact with strong oxidizing agents or elevated temperatures.

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SECTION 11: TOXICOLOGICAL INFORMATION  
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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  
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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.  
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SECTION 13: DISPOSAL CONSIDERATIONS  
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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.  
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SECTION 14: TRANSPORT INFORMATION  
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DOT Classification - Paint, 3 ( Flammable Liquid ), UN1263, III

Gallon size OR less ships Limited Quantity (Consumer Commodity).  
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SECTION 15: REGULATORY INFORMATION  
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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  
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SECTION 16: OTHER INFORMATION  
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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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