

Safety Data Sheet

Manufacturer's Name: StanChem, Inc.
401 Berlin Street
East Berlin, CT 06023

Emergency Telephone Number: CHEMTREC 1-800-424-9300
Information Telephone Number: (860) 828-0571
Date of Preparation: 2/26/2018

Section I – Product Identification

Product Number: 66x7560
Product Name: Graphite Varnish
Product Class: Phenolic

Section II – Hazard Identification

Hazard Classification: Flammable Liquid

Symbol:



Signal Word: Danger

Hazard Statements: Highly Flammable Liquid and Vapor. Harmful in contact with skin or if inhaled
Causes serious eye irritation. Causes skin irritation
Suspected of causing cancer if inhaled. May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure if inhaled

Precautionary Statements:

Keep container tightly closed. Use only non sparking tools.
Keep away from heat and flames.
No Smoking. Containers must be properly grounded before beginning transfer.
Do not breathe vapors. Do not contact eyes, skin and clothing.
Wear protective gloves. Wash hands thoroughly after using
Dispose of in accordance with local, regional, national, international regulations as specified

Section III-Hazardous Ingredients

NE – Not Established

N/A – Not Applicable

| <u>Ingredient</u> | <u>CAS#</u> | <u>Weight%</u> | <u>Occupational Exposure Limits</u> | |
|-------------------------------|-------------|----------------|-------------------------------------|--------------------------|
| | | | <u>ACGIH TLV</u> (ppm) | <u>OSHA PEL</u> (ppm) |
| Propylene Glycol Methyl Ether | 108-65-6 | 1.0-3.0 | 100 | 100 |
| Ethanol | 64-17-5 | 9.0-10.0 | 1000 | 1000 |
| Isopropanol | 67-63-0 | 52.0-53.0 | 400 | 400 |
| Butanol | 71-36-3 | 8.0-9.0 | 50 | 50 |
| N-butyl acetate | 123-86-4 | 4.5-5.5 | 150 | 150 |
| Phenol | 108-95-2 | 1.0-2.0 | 5 | 5 |
| Formaldehyde | 50-0-0 | 0.1 | 0.016 | 0.75 |

Section IV – First Aid Measures

First Aid Procedures:

Inhalation: Remove individual to fresh air. Administer oxygen if breathing is difficult. Consult a physician

Skin: Wash thoroughly with soap and water. Remove contaminated clothing

Eyes: Immediately flush eyes with plenty of water for at least 20 minutes. Consult a physician.

Ingestion: Dilute with clear fluid, then immediately seek medical attention.

Section V – Fire and Explosion Hazard Data

Flammability Classification:

| | |
|-------------|-----------------------|
| OSHA | Flammable Liquid – 1B |
| DOT | Flammable Liquid |
| Flash Point | 50° F Tag Closed Cup |
| LEL | 1.0% |

Extinguishing Media: Dry Chemical Carbon Dioxide Alcohol Foam

Unusual Fire and Explosion Hazards: Keep container tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition source causing a flashback fire. Use water to keep exposed containers cool. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Section VI – Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled Avoid all sources of ignition. Ventilate area. Stop spill at source, dike to prevent spreading. Pump liquid into containers. The remainder should be removed with inert absorbent use non-sparking tools.

Section VII – Safe Handling and Storage

- Handling:** Use only non sparking tools. Keep away from heat and flames. Containers must be properly grounded before beginning transfer. Empty containers may contain product residue; follow MSDS and label warnings even after the container has been emptied.
- Storage:** Store closed drums with bung up position. Store only in tightly closed properly vented containers.
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Section VIII – Exposure Controls and Personal Protection

- Respiratory Protection:** Approved chemical/mechanical filters designed to remove organic vapors.
- Ventilation:** Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.
- Protective Gloves:** Wear chemical resistant gloves
- Eye Protection:** Use safety eyewear with splash guards or side shields
- Other Protective Equipment:** None.
- Hygienic Practices:** Eye wash and shower should be available. Use under well ventilated conditions. Personnel should wash thoroughly after handling product. Always wash-up before eating, smoking or using the toilet facilities. Do not breathe vapor, do not contact eyes, skin and clothing.
- Precautions To Be Taken in:** Keep away from heat or open flames.
- Handling and Storing:**
- Other Precautions:** Avoid contact with eyes and skin
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Section IX – Physical Data

| | |
|--------------------|-------------------------|
| Boiling Point | 78-128°C |
| Weight per Gallon | 7.6 lb./gal |
| Percent Volatility | 76.1 % |
| VOC content: | 693 g/L |
| Viscosity | 65-75 Sec. # 2 Zahn cup |

Section X – Stability and Reactivity

- Stability:** Stable
- Hazardous Polymerization:** Will Not Occur
- Hazardous Decomposition Products:** Thermal decomposition may yield carbon monoxide and/or carbon dioxide.
- Conditions To Avoid:** N/A
- Incompatibility (materials to avoid):** Strong oxidizing agents
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Section XI – Toxicological Information

Primary Routes of Exposure

Eye Contact
Skin Contact

Inhalation
Ingestion

Medical Conditions Sinus Dermatitis
Prone to Aggravation
by Exposure:

Product Toxicology

| | | |
|-------------------------|------------------|----|
| <u>Carcinogenicity:</u> | NTP? | No |
| | IARC Monographs? | No |
| | OSHA Regulated? | No |

Section XII – Ecological Information

Potential to Bioaccumulate: Unknown

Aquatic Toxicity: No data available for this product

Section XIII – Disposal Considerations

Waste Disposal Methods:

Disposal should be in accordance with local, state and national regulations.

Section XIV – Transportation

Technical Name:: 66x7560 Gray Graphite Varnish

Proper Shipping Name: Paint

Identification Number: UN1263

Hazard Class/Division: 3 (Flammable Liquid)

Packing Group: II

The information provided herein may not include the impact of additional regulatory requirements (e.g. for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

Section XV – Regulatory Information

TSCA

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA 313 Reporting

A number of the constituents within the formulation are required to be reported under this regulation.

California Prop. 65

Warning: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Section XVI – Other Information

Hazard Rating Systems

| <u>NFPA 704*</u> | | <u>HMIS**</u> | | Key: | 0 - Insignificant; |
|------------------------------|----------|---------------------|----------|---|---------------------------|
| Health: | 2 | Health: | 2 | 1=Slight | 2 = Moderate; |
| Flammability | 3 | Flammability | 3 | 3=High | 4= Extreme; |
| Reactivity | 0 | Reactivity | 0 | I= Respirator, Eye Protection and gloves | |
| Personal Protection I | | | | | |

*National Fire Protection Association rating identifies the severity of hazards of material during a fire emergency (i.e., “on fire”)

**Hazardous Materials Identification System, National Paint and Coatings Association rating applies to product “as packaged” (i.e., ambient temperature)

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