



## MATERIAL SAFETY DATA SHEET

*For 1 Shot/Chromatic Liquid Coatings and Associated Liquid Materials*

### One Shot, LLC

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PREPARED BY : Health, Safety and Environmental Coordinator

|   |                |          |
|---|----------------|----------|
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| INTERNATIONAL TRANSPORTATION ACCIDENTS: | 1-703-527-3887 | Chemtrec |

### I. CHEMICAL PRODUCT IDENTIFICATION

Product Name : **BOILED LINSEED OIL (GD418)**

Date Printed : 10/13/07  
Revision Date : 10/13/07

Revision Number : 3  
Supercedes : 01/01/05

### II. COMPOSITION/INFORMATION ON INGREDIENTS - (EXPOSURE LIMITS - SEE SECTION VIII)

| INGREDIENT NAME         | CAS #      | %              |
|-------------------------|------------|----------------|
| Polymerized Linseed Oil | 67746-08-1 | 75.01 - 100.00 |

If ingredient percentages do not total 100%, the balance is due to rounding or applies to ingredient(s) deemed nonhazardous under 29 CFR 1910.1200 (Hazard Communication Standard).

### III. HAZARDS IDENTIFICATION

|              | HMIS |
|--------------|------|
| HEALTH       | 2    |
| FLAMMABILITY | 1    |
| REACTIVITY   | 0    |

0 = Least    1 = Slight    2 = Moderate    3 = High    4 = Extreme    \* = Chronic Health Effects

#### Routes of Entry:

Inhalation, Ingestion, Skin contact, Eye contact.

#### Immediate (Acute) Health Effects:

##### Inhalation:

Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

##### Skin Contact:

Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

##### Eye Contact:

Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

##### Ingestion:

Harmful if swallowed. May cause systemic poisoning. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

#### Long-Term (Chronic) Health Effects:

##### Inhalation:

Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

|                         |  |
|-------------------------|--|
| <b>Skin Contact:</b>    | Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.   |
| <b>Eye Contact:</b>     | Upon prolonged or repeated contact, can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. |
| <b>Carcinogenicity:</b> | IARC: No                      NTP: No                      OSHA: No  |

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

#### IV. FIRST AID

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.  |
| <b>Eyes:</b>         | Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.   |
| <b>Skin Contact:</b> | Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.   |
| <b>Ingestion:</b>    | Seek medical advice immediately. Provide ingredients information from Section II of this MSDS to the medical care provider. Contact your local Poison Control Center (listed in the telephone book), or dial the local "Emergency" (911) number for additional information. Do not induce vomiting unless instructed to do so by a physician or other competent medical personnel. Never give anything by mouth to an unconscious person. |

#### V. FIRE FIGHTING MEASURES

|                                       |  |
|---------------------------------------|--|
| <b>Flammability Summary:</b>          | <b>Combustible at sufficiently elevated temperatures</b>   |
| <b>Flash Point:</b>                   | 222 °C;                      432 °F  |
| <b>Fire Hazards:</b>                  | Can form explosive mixtures at temperatures at or above the flash point. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or crush used containers. Do not expose containers or product to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death. Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. This product, when dried or cured, may support combustion when subjected to sources of ignition or heat in sufficient amount. |
| <b>Extinguishing Media:</b>           | Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.  |
| <b>Fire Fighting Instructions:</b>    | Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.   |
| <b>Hazardous Combustion Products:</b> | Carbon dioxide, Carbon monoxide.   |

#### VI. ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>Health Consideration for Spill Response:</b> | Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including: the material spilled, the quantity of the spill, and the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. |
| <b>Spill Mitigation Procedures:</b>             |   |
| <b>General Methods:</b>                         | Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. For liquid spills, dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.   |
| <b>Air Release:</b>                             | Ventilate the area by opening door and/or turning on fans and blowers.  |
| <b>Water Release:</b>                           | Retain all contaminated water for treatment.  |
| <b>Land Spills:</b>                             | Avoid runoff into storm sewers and ditches that lead to waterways.  |

**VII. HANDLING AND STORAGE****Handling:**

Harmful or irritating; avoid overexposure to the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not get in eyes, on skin and clothing. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse.

**Storage:**

Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, and flame.

**VIII. ENGINEERING CONTROLS, PERSONAL PROTECTIVE EQUIPMENT, AND EXPOSURE LIMITS****Engineering Controls:**

Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Engineering controls must be designed to meet any relevant OSHA chemical specific standards in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or using this material should be equipped with an eyewash and safety shower.

**Protective Equipment:****Respiratory Tract:**

If general or local exhaust ventilation is not available or sufficient to reduce exposure to below acceptable levels, then respiratory protection is required to avoid overexposure when handling this product. Wear a NIOSH approved respirator if any exposure is possible.

**Eyes:**

Wear safety glasses with side shields when handling this product. Do not wear contact lenses. When the possibility exists for eye contact with splashing or spraying liquid, or airborne material, wear additional eye protection such as chemical splash goggles and/or face shield.

**Skin:**

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Protective Clothing:**

Wear chemically resistant gloves and apron. (Consult your safety equipment supplier).

| CHEMICAL NAME           | CAS #      | ACGIH TLV | OSHA PEL           | IDLH            |
|-------------------------|------------|-----------|--------------------|-----------------|
| Polymerized Linseed Oil | 67746-08-1 | No TLV    | No PEL established | Not determined. |

**IX. PHYSICAL DATA****Appearance:**

Amber Powder.

**Color:**

Amber

**pH:**

N/A

**Octanol/Water Coeff:**

Not Determined.

**Vapor Density:**

N/A

**Evaporation Rate:**

Not determined

**Specific Gravity/Density:**

0.92 / 7.68 Lbs./Gl.

**V.O.C.**

0.00 Lbs/Gl less water & exempt solvent;

0 g/l less water & exempt solvent;

0.0 Lbs/Gl as packed

The VOC content is determined by using a percent solids basis, less water and exempt solvents, for adhesives, coatings and inks and the calculations of EPA Reference Method 24 or equivalent ASTM method approved by the executive office.

**Initial Boiling Point:**

343 °C;

649 °F

**X. STABILITY AND REACTIVITY****Stability Information:**

Stable under normal conditions.

**Conditions to Avoid:**

None known unless listed here. Contamination.

**Chemical Incompatibility:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Carbon dioxide, Carbon monoxide.

**XI. TOXICOLOGICAL INFORMATION**

| Chemical Name     | LD50/LC50 |
|-------------------|-----------|
| No data available |           |

**XII. ECOLOGICAL INFORMATION****Overview:**

Care should be taken to minimize releases of any industrial chemicals to the environment.

**XIII. DISPOSAL CONSIDERATIONS****Waste Description for Unused Product:**

Waste description not determined.

|                                   |  |
|-----------------------------------|--|
| <b>Disposal Methods:</b>          | Information in this MSDS is provided only as a guide. Consult with competent authority to determine proper waste disposal procedures. Clean up and dispose of waste and clean-up materials in accordance with all federal, state, and local environmental regulations. |
| <b>Potential EPA Waste Codes:</b> | Not determined., .   |

**Some Components Possibly Subjected to USEPA Land Disposal Restrictions:**  
 When disposing of unused products or any waste, the preferred options are to send to a licensed reclaimer or to permitted incinerators. There may be some other ingredients subject to LDR categories. None expected.

**XIV. TRANSPORTATION INFORMATION**

|               |                                    |
|---------------|------------------------------------|
| <b>Agency</b> | <b>Basic Description and Label</b> |
| DOT           | Not regulated per DOT.             |

**Hazardous Substance**  
 None expected.

**XV. REGULATORY INFORMATION**

|                              |  |
|------------------------------|--|
| <b>Regulation</b>            |  |
| SARA 313 Reportable :        | This product contains no Section 313 chemicals at or above de minimis values.  |
| TSCA Inventory :             | All components of this product are listed in, or exempt from, the TSCA 8(b) Inventory.   |
| M.S.D.S. Reportable HAP(s) : | This product contains no HAP chemicals at or above de minimis values..   |
| California Proposition 65 :  | The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986 - Proposition 65: "WARNING: This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm." |
| SARA/CERCLA Section 302 :    | N/A  |

**XVI. ADDITIONAL INFORMATION**

**Major References:** VENDOR'S MSDS's, PAINT & COATINGS HANDBOOK, EPA's LIST OF LISTS, AND OTHER PUBLISHED MATERIALS.

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