Safety Data Sheet

1. Identification

Product Information: M701-1597
Product Name: TUNG OIL GAL
Recommended Use: Surface Preparation or Protection

Supplied by:
Mohawk Finishing Products
Division of RPM Wood Finishes Group, Inc.
2220 US Hwy 70 SE Suite 100
Hickory, NC 28602
USA

Company Phone No: (800) 522-8266
Emergency Phone No. CHEMTREC: (800) 424-9300
International Emergency No. CHEMTREC: (703) 527-3887 (Collect calls are accepted)

2. Hazards Identification

GHS Classification
Asp. Tox. 1, Carc. 1B, Flam. Liq. 3, Muta. 1B, Skin Sens. 1

Possible Hazards
8% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS
Flammable Liquid, category 3 H226 Flammable liquid and vapour.
Skin Sensitizer, category 1 H317 May cause an allergic skin reaction.
Germ Cell Mutagenicity, category 1B H340 May cause genetic defects.
Carcinogenicity, category 1B H350 May cause cancer.
Aspiration Hazard, category 1 H304 May be fatal if swallowed and enters airways.

GHS LABEL PRECAUTIONARY STATEMENTS
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P331 Do NOT induce vomiting.
P405 Store locked up.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P362+P364 Take off contaminated clothing and wash it before reuse.

P201 Obtain special instructions before use.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

GHS SDS PRECAUTIONARY STATEMENTS

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

Hazards Not Otherwise Classified (HNOC) or not covered by GHS

Rags or other materials containing this product may oxidize and ignite. All contaminated materials should be segregated and treated to avoid spontaneous combustion.

### 3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>petroleum distillate</td>
<td>64742-48-9</td>
<td>40-55</td>
<td>GHS08</td>
<td>H304-340-350</td>
</tr>
<tr>
<td>aliphatic petroleum distillates</td>
<td>64742-47-8</td>
<td>10-25</td>
<td>GHS07-GHS08</td>
<td>H304-332</td>
</tr>
<tr>
<td>tung oil</td>
<td>8001-20-5</td>
<td>2.5-10</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>methyl ethyl ketoxime</td>
<td>96-29-7</td>
<td>0.1-1.0</td>
<td>GHS05-GHS06-GHS07-GHS08</td>
<td>H302-311-315-317-318-331-336-350-370-373</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>0.1-1.0</td>
<td>GHS02-GHS07-GHS08-GHS08</td>
<td>H225-304-332-373</td>
</tr>
<tr>
<td>triethylamine</td>
<td>121-44-8</td>
<td>0.1-1.0</td>
<td>GHS02-GHS05-GHS06-GHS07</td>
<td>H225-302-311-314-331-335</td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of ingredients is being withheld as a trade secret.

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### 4. First-aid Measures

FIRST AID - EYE CONTACT: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

FIRST AID - SKIN CONTACT: IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

FIRST AID - INGESTION: Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

FIRST AID - INHALATION: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

### 5. Fire-fighting Measures

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from
the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

**FIREFIGHTING EQUIPMENT:** This is a NFPA/OSHA Class 1B or less flammable liquid. Follow NFPA30, Chapter 16 for fire protection and fire suppression. Use a dry chemical, carbon dioxide, or similar ABC fire extinguisher for incipient fires. Water may be used to cool and prevent rupture of containers that are exposed to heat from fire.

### 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

### 7. Handling and Storage

**HANDLING:** Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container 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.

**STORAGE:** Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

### 8. Exposure Controls/Personal Protection

**Ingredients with Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH-TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>petroleum distillate</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>aliphatic petroleum distillates</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>tung oil</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>methyl ethyl ketoxime</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>20 ppm</td>
<td>N.D.</td>
<td>100 ppm</td>
<td>N.D.</td>
</tr>
<tr>
<td>triethylamine</td>
<td>0.5 ppm</td>
<td>1 ppm</td>
<td>25 ppm</td>
<td>N.D.</td>
</tr>
</tbody>
</table>

**Further Advice:** MEL = Maximum Exposure Limit  OES = Occupational Exposure Standard  SUP = Supplier's Recommendation  Sk = Skin Sensitizer  N.E. = Not Established  N.D. = Not Determined

**Personal Protection**

**RESPIRATORY PROTECTION:** Use adequate engineering controls and ventilation to keep levels below recommended or statutory exposure limits. If exposure levels exceed limits use appropriate approved respiratory protection equipment.

**SKIN PROTECTION:** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

**EYE PROTECTION:** Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.
OTHER PROTECTIVE EQUIPMENT: No Information

HYGIENIC PRACTICES: It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colored Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Oily Hydrocarbon</td>
</tr>
<tr>
<td>Density, g/cm³</td>
<td>0.843</td>
</tr>
<tr>
<td>Freeze Point, °F</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature, °F</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Range, °F</td>
<td>&gt; 100 °F</td>
</tr>
<tr>
<td>Combustibility</td>
<td>Supports Combustion</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Faster than Diethyl Ether</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBILITY: Acids, Bases, Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

11. Toxicological Information

Practical Experiences

EMERGENCY OVERVIEW: No Information

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECT OF OVEREXPOSURE - INGESTION: No Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: No Information
CARCINOGENICITY: May cause cancer.

PRIMARY ROUTE(S) OF ENTRY:
Skin Contact, Ingestion

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-48-9</td>
<td>petroleum distillate</td>
<td>&gt;5000 mg/kg Rat</td>
<td>&gt;3160 mg/kg Rabbit</td>
<td>&gt;20 mg/L Rat</td>
</tr>
<tr>
<td>64742-47-8</td>
<td>aliphatic petroleum distillates</td>
<td>&gt;5000 mg/kg Rat</td>
<td>&gt;2000 mg/kg Rabbit</td>
<td>&gt;13 mg/L Rat</td>
</tr>
<tr>
<td>8001-20-5</td>
<td>tung oil</td>
<td>N.I.</td>
<td>N.I.</td>
<td>&gt;20 mg/l</td>
</tr>
<tr>
<td>96-29-7</td>
<td>methyl ethyl ketoxime</td>
<td>930 mg/kg Rat</td>
<td>1000 mg/kg Rabbit</td>
<td>&gt;4.83 mg/L Rat</td>
</tr>
<tr>
<td>100-41-4</td>
<td>ethylbenzene</td>
<td>3500 mg/kg Rat</td>
<td>15400 mg/kg Rabbit</td>
<td>17.2 mg/L Rat</td>
</tr>
<tr>
<td>121-44-8</td>
<td>triethylamine</td>
<td>730 mg/kg Rat</td>
<td>580 mg/kg Rabbit</td>
<td>7.1 mg/L Rat</td>
</tr>
</tbody>
</table>

N.I. = No Information

12. Ecological information

ECOLOGICAL INFORMATION: Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

13. Disposal Information

DISPOSAL METHOD: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

Rags or other materials containing this product may oxidize and ignite. All contaminated materials should be segregated and treated to avoid spontaneous combustion.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT: COMBUSTIBLE - NOT RESTRICTED GROUND
IATA: UN1263, PAINT RELATED MATERIAL, 3, III
IMDG: UN1263, PAINT RELATED MATERIAL, 3, III
15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA ‘Hazard Categories’ promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No SARA 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

CALIFORNIA PROPOSITION 65

WARNING: Cancer - www.P65Warnings.ca.gov.

Ethylbenzene, Cancer, 0.2481%

16. Other Information

Revision Date: 7/30/2022  Supersedes Date: 4/27/2022
Reason for revision: Substance and/or Product Properties Changed in Section(s):
05 - Flammability Information
09 - Physical & Chemical Information
Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Volatile Organic Compounds, gr/ltr: 564

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225  Highly flammable liquid and vapour.
H302  Harmful if swallowed.
H304  May be fatal if swallowed and enters airways.
H311  Toxic in contact with skin.
H314  Causes severe skin burns and eye damage.
H315  Causes skin irritation.
H317  May cause an allergic skin reaction.
H318  Causes serious eye damage.
H331  Toxic if inhaled.
H332  Harmful if inhaled.
H335  May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H370 Causes damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

- **GHS02**
- **GHS05**
- **GHS06**
- **GHS07**
- **GHS08**

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

Only the original U.S. - English version is authoritative.