



P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists, get medical advice/attention.  
 P370+P378 In case of fire: Use water fog, "alcohol" foam, dry chemical, or CO2.  
 P405 Store locked up.  
 P403+P235 Store in a well ventilated place. Keep cool.  
 P501WK If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

**Signal Word: Warning**



**FLAMMABLE LIQUID AND VAPOR**

**Section 3: Composition / Information on Ingredients**

Chemical Name	CAS number	Weight Concentration %
Solvent Naphtha (petroleum), Medium Aliphatic	64742-88-7	20.00% - 30.00%
Yellow Iron Oxide	51274-00-1	10.00% - 20.00%
Aromatic Hydrocarbon	64742-94-5	10.00% - 20.00%
Concentration	Proprietary 1	10.00% - 20.00%
Mineral Spirits	8052-41-3	10.00% - 20.00%
1,2,4-trimethylbenzene	95-63-6	1.00% - 5.00%
Raw Umbers, Burnt Umbers	12713-03-0	0.10% - 1.00%
Xylene (o-,m-,p- isomers)	1330-20-7	0.10% - 1.00%
Naphthalene	91-20-3	0.10% - 1.00%

**Section 4: First Aid Measures**

**IF INHALED:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
**IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
**IF ON SKIN:** Gently wash with soap and water.  
**IF SWALLOWED:** DO NOT INDUCE VOMITING. Do not attempt to give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.  
**Note to Physician:** Provide general supportive measures and treat symptomatically.

**Section 5: Fire Fighting Measures**

Flash Point: 39 C (102 F)

LEL: 1.00

UEL: 7.00

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical, or CO2.  
**EXPLOSION HAZARDS:** When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and unidentified organic compounds may be formed during combustion.  
**FIRE FIGHTING PROCEDURES: WARNING!** Flammable liquid and vapor. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Clear fire area of unprotected personnel. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. Use water spray to cool containers exposed to fire.  
**FIRE EQUIPMENT:** Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NOISH approved, self-contained breathing apparatus.

## Section 6: Accidental Release Measures

**PERSONAL PRECAUTIONS:** Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers unless wearing appropriate protective clothing.

**EMERGENCY PROCEDURES:** As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering.

**CONTAINMENT/CLEAN-UP MEASURES:** Stop leak if you can do it without risk. All equipment used when handling the product must be grounded. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. A vapor suppressing foam may be used to reduce vapors.

**LARGE SPILLS:** Dike far ahead of liquid spill for later disposal. Keep material out of storm sewers and ditches which lead to waterways.

## Section 7: Handling and Storage

**HANDLING:** Do not taste or swallow. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

**STORAGE:** Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Store in flammables area. Keep in original container tightly closed when not in use and stored away from direct light at temperatures between 32-110°F (0-43°C).

**COMMENTS:** Read label before use. KEEP OUT OF REACH OF CHILDREN! Empty containers, retain product residue (liquid and/or vapor). Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death.

## Section 8: Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Solvent Naphtha (petroleum), Medium Aliphatic 64742-88-7	PEL 500 ppm 2,900 mg/m <sup>3</sup> TWA 100 ppm 525 mg/m <sup>3</sup>	TWA 100 ppm	NDA
Yellow Iron Oxide 51274-00-1	NDA	NDA	NDA
Aromatic Hydrocarbon 64742-94-5	TWA 25 ppm	TWA 10 ppm	NDA
Concentration Proprietary 1	NDA	NDA	NDA
Mineral Spirits 8052-41-3	TWA 500 ppm 2900 mg/m <sup>3</sup>	TWA 100 ppm	NIOSH IDLH:20000 mg/m <sup>3</sup> TWA: 350 MG/M <sup>3</sup>
1,2,4-trimethylbenzene 95-63-6	NDA	NDA	NIOSH: 25 ppm - 125 mg/m <sup>3</sup>
Raw Umbers, Burnt Umbers 12713-03-0	TWA 10 ppm	TWA 5 mg/m <sup>3</sup>	NDA
Xylene (o-,m-,p- isomers) 1330-20-7	TWA 100 ppm 435 mg/m <sup>3</sup>	STEL: 150 ppm TWA: 100 ppm	TWA 100 ppm 435 mg/m <sup>3</sup>
Naphthalene 91-20-3	TWA 10 ppm 50 mg/m <sup>3</sup>	TWA 10 ppm	NIOSH : TWA 10 ppm 50 mg/m <sup>3</sup>

\* Jel'd Stain Original has negligible amounts of Xylene and Naphthalene.

**VENTILATION:** General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

**ENGINEERING CONTROLS:** Provide general local exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety goggles. Maintain eye wash fountain and quick drench facilities in work areas.

**SKIN:** Wear protective gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**RESPIRATORY:** In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

**OTHER USE PRECAUTIONS:** May be harmful if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

**COMMENTS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**CONTAMINATED GEAR:** Take off contaminated clothing and wash it before reuse. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## Section 9: Physical and Chemical Properties

<p><b>Appearance:</b> Gelatinous/Paste</p> <p><b>Viscosity:</b> N/A</p> <p><b>PH</b> Essentially neutral.</p> <p><b>Decomposition temperature:</b> N/A</p> <p><b>Vapor Density:</b> 4.5</p> <p><b>Freezing point:</b> N/A</p> <p><b>Flash point:</b> 102 F, 39 C</p> <p><b>Specific Gravity (SG)</b> 1.042</p> <p><b>VOC g/L (Coating)</b> 629.3</p>	<p><b>Odor:</b> Stoddard</p> <p><b>Solubility:</b> Ketones and hydrocarbons.</p> <p><b>Autoignition temperature:</b> 230°C</p> <p><b>Vapor Pressure:</b> 203.9 hPa at 20 C</p> <p><b>Melting point:</b> N/A</p> <p><b>Boiling range:</b> 149°C</p> <p><b>Evaporation rate:</b> Slower than ether.</p> <p><b>VOC g/L (Material)</b> 629.3</p>
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## Section 10: Stability and Reactivity

### Stability:

Under normal conditions:

STABLE

### Incompatibilities:

**Chemical stability:** Stable under recommended storage conditions.

Strong oxidizers.

Avoid heat, sparks, open flames and other ignition sources.

No decomposition if used and stored according to specifications.

### Hazardous decomposition:

Carbon monoxide and carbon dioxide.

Oxygen, hydrogen gas, water, heat, steam.

Hazardous polymerization will not occur.

## Section 11: Toxicological Information

### Component Toxicity

64742-88-7	Solvent Naphtha (petroleum), Medium Aliphatic Oral LD50: 5,000 mg/kg (Rat) Dermal LD50: 3,000 mg/kg (Rabbit)
64742-94-5	Aromatic Hydrocarbon Dermal LD50: 2,000 mg/kg (Rabbit)
91-20-3	Naphthalene Oral LD50: 490 mg/kg (Rat)

## PRIMARY ROUTES OF ENTRY

Inhalation      Skin Contact      Eye Contact      Ingestion

**Target Organs:** Eyes, kidneys, liver, lungs, central nervous system, skin, cardiovascular system, heart

### Effects of Overexposure

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause liver and kidney damage.

## Section 12: Ecological Information

**ENVIRONMENTAL SUMMARY:** Avoid uncontrolled releases of this material. Where spills are possible, comprehensive spill response plan should be developed and implemented. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

### Component Ecotoxicity

Solvent Naphtha (petroleum), Medium Aliphatic	Very toxic for fish.
Aromatic Hydrocarbon	Acute Fish Toxicity: LC50 / 96 h Pimephales promelas (fathead minnow) - 41mg/L Toxicity to Algae: EC50/ Skeletonema costatum - <1mg/L Toxicity to daphnia and other aquatic: EC50 / 48 h / daphnia magna - 0.95mg/L
1,2,4-trimethylbenzene	Toxicity to fish flow: LC50 - Pimephales promelas (fathead minnow) -7.72 mg/l - 96.0 h Toxicity to daphnia and other aquatic invertebrates. static test: EC50-Daphnia magna (Water flea)-3.6 mg/l-48 h(OECD Test Guideline 202).
Naphthalene	Toxicity to fish: LC50-Oncorhynchus mykiss (rainbow trout)-0.9 -9.8 mg/l-96.0 h LC50-Pimephales promelas (fathead minnow)-1-6.5 mg/l-96.0 h NOEC-other fish-1.8 mg/l-3.0 d LOEC-other fish-3.2 mg/l-3.0 d Toxicity to daphnia and other aquatic invertebrates: EC50-Daphnia magna (Water flea)-1.00 -3.40 mg/l-48 h

## Section 13: Disposal Considerations

**DISPOSAL:** If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

## Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint	1263	III	3
IATA	Paint	1263	III	3
IMDG/IMO	Paint	1263	III	3

## Section 15: Regulatory Information

**ACGIH** (American Conference of Governmental Industrial Hygienists)

**TWA** (Time-Weighted Average)

**OSHA** (Occupational Safety and Health Administration)

**NIOSH** (National Institute for Occupational Safety and Health)

**TSCA Regulatory:** This product contains chemicals listed on the EPA/TSCA inventory of chemical substances.

### State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

91-20-3 Naphthalene 0.1 to 1.0 %

**SARA TITLE III (Superfund Amendment and Reauthorization Act)**

**SARA 302 Components:**

No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards:**

- 91-20-3 Naphthalene 0.1 to 1.0 % Fire Hazard, Acute Health Hazard, Chronic Health Hazard
- 1330-20-7 Xylene (o-,m-,p- isomers) 0.1 to 1.0 % Acute Health Hazard, Chronic Health Hazard
- 95-63-6 1,2,4-trimethylbenzene 1 to 5 % Fire Hazard, Acute Health Hazard
- 64742-94-5 Aromatic Hydrocarbon 10 to 20 % Fire Hazard, Chronic Health Hazard
- 64742-88-7 Solvent Naphtha (petroleum), Medium Aliphatic 20 to 30 % Acute Health Hazard

**SARA 313 Components:**

- 91-20-3 Naphthalene 0.1 to 1.0 %
- 1330-20-7 Xylene (o-,m-,p- isomers) 0.1 to 1.0 %
- 95-63-6 1,2,4-trimethylbenzene 1 to 5 %
- 64742-94-5 Aromatic Hydrocarbon 10 to 20 %

**Section 16: Other Information**

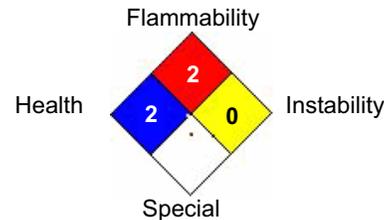
**ABBREVIATIONS USED IN THE SDS:**

NDA: No Data Available

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text" value="2"/>	<b>HMIS &amp; NFPA Hazard Rating Legend</b> * = Chronic Health Hazard <b>0 = INSIGNIFICANT</b> <b>1 = SLIGHT</b> <b>2 = MODERATE</b> <b>3 = HIGH</b>
<b>FLAMMABILITY</b>	<input type="text" value="2"/>	
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>	
<b>PERSONAL PROTECTION</b>	<input type="text" value="G"/>	

**National Fire Protection Association (NFPA)**



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