

# SAFETY DATA SHEET



## 2500-TH – POOL PAINT THINNER

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	2500-TH – POOL PAINT THINNER
<b>Product Code:</b>	2500-TH
<b>Product Use:</b>	Thinner

**Manufacturer**  
Richard's Paint  
200 Paint Street  
Rockledge, Florida,  
800-432-0983

**24 Hour Emergency Telephone Number**  
CHEMTEL (US): (800)255-3924  
CHEMTEL (International): (813)248-0585

### 2. HAZARDS IDENTIFICATION

<b>Classification:</b>	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Specific Target Organ Toxicity (Single Exposure): Category 3 Aspiration Toxicity: Category 1 Flammable Liquid: Category 3 Carcinogenicity: Category 2
<b>Signal Word:</b>	Danger
<b>Pictograms:</b>	
<b>Hazard Statements:</b>	H226: Flammable liquid and vapor H304: May be fatal if swallowed and enters airways H335: May cause respiratory irritation H336: May cause drowsiness or dizziness H351: Suspected of causing cancer

<b>Prevention Precautionary Statements:</b>	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P233: Keep container tightly closed 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 P261: Avoid breathing dust/fumes/gas/mist/vapors/spray P264: Wash face, hands and any exposed skin thoroughly after handling P270: Do not eat, drink, or smoke when using this product P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection
<b>Response Precautionary Statements:</b>	P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P308+313: IF exposed: Call a POISON CENTER or doctor/physician P332+313: If skin irritation occurs: Get medical advice/attention P362+364: Take off contaminated clothing and wash it before reuse P370+378: In case of fire: Use CO2, dry chemical, or foam to extinguish P331: Do NOT induce vomiting P312: Call a POISON CENTER/doctor if you feel unwell P314: Get medical advice/attention if you feel unwell
<b>Storage Precautionary Statements:</b>	P405: Store locked up P403+233: Store in a well ventilated place. Keep container tightly closed. P403+235: Store in a well ventilated place. Keep cool.
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents/container to an approved waste disposal plant
<b>Hazards Not Otherwise Classified:</b>	None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Solvent naptha, light aromatic	80% to 90%	67472-95-6
1,2,4-trimethylbenzene	10% to 20%	95-63-6
Xylenes (isomers and mixture)	1% to 5%	1330-20-7
Cumene	1% to 5%	98-82-8

### 4. FIRST AID MEASURES

<b>General Advice:</b>	Call a physician if symptoms persist. Show SDS to physician.
<b>Eyes:</b>	Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing for at least 10 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.

<b>Skin:</b>	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
<b>Ingestion:</b>	Remove dentures if applicable and wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
<b>Most Important Symptoms/Effects:</b>	Drowsiness, dizziness, irritation, lung edema
<b>Notes to Physician:</b>	May cause chemical pneumonitis if aspirated

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Foam, dry powder, CO2, water spray. Use measures suitable to the circumstances and environment.
<b>Precautions for Firefighters:</b>	Wear self-contained breathing apparatus and protective gear
<b>Specific Hazards:</b>	Product is combustible. Thermal decomposition may release irritating gases/vapors. Explosive vapors may collect in low or confined areas.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Remove all sources of ignition. Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
<b>Other Precautions:</b>	If safe to do so, prevent additional spillage. Do not allow material to enter ground water, surface water, or sewer system. Consult local authorities if spillage cannot be contained.
<b>Clean-Up Method:</b>	Soak up with non-combustible absorbent material. Dispose of used absorbent in suitable containers. Thoroughly clean contaminated surface.

## 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Use only in areas with sufficient ventilation. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources.
<b>Storage Precautions:</b>	Keep container upright, properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area. Keep away from heat and ignition sources.
<b>Incompatible Materials:</b>	Strong acids, oxidizers

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1,2,4-trimethylbenzene(95-63-6)		
ACGIH TWA:	25 ppm	--
NIOSH TWA:	25 ppm	125 mg/m3
Cumene(98-82-8)		
ACGIH TWA:	50 ppm	--
NIOSH TWA:	50 ppm	245 mg/m3
OSHA TWA:	50 ppm	245 mg/m3

Solvent naptha, light aromatic(67472-95-6)		
ACGIH:	100 ppm	--
OSHA:	100 ppm	--
Xylenes (isomers and mixture)(1330-20-7)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
OSHA TWA:	100 ppm	435 mg/m3

<b>Engineering Measures:</b>	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
<b>Hygiene Measures:</b>	No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use.
<b>Eye/Face Protection:</b>	Safety glasses/goggles
<b>Skin Protection:</b>	Protective gloves and long-sleeved protective clothing
<b>Respiratory Protection:</b>	Respiratory equipment if ventilation is inadequate

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Aromatic
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Melting Point (°F):</b>	No information available
<b>Boiling Point (°F):</b>	322-340
<b>Flash Point (°F):</b>	115
<b>Flash Point Method:</b>	No information available
<b>Evaporation Rate:</b>	0.27 (butyl acetate=1)
<b>Flammability (Solid/Gas):</b>	No information available
<b>Flammability Limits:</b>	0.9-6.2
<b>Vapor Pressure (mm Hg):</b>	2
<b>Vapor Density:</b>	4.2 (air=1)
<b>Specific Gravity:</b>	0.87-0.89
<b>Solubility in Water:</b>	<0.1 g/100 mL
<b>Octanol/Water Partition Coefficient:</b>	No information available
<b>Auto-Ignition Temperature (°F):</b>	905
<b>Decomposition Temperature (°F):</b>	No information available
<b>Viscosity (KU):</b>	No information available
<b>Volatile Organic Compounds (g/L):</b>	866

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No information available
<b>Possibility of Hazardous Reactions:</b>	Vapors may form explosive mixture with air
<b>Hazardous Decomposition Products:</b>	Carbon oxides
<b>Stability:</b>	Stable under normal storage conditions
<b>Incompatible Materials:</b>	Strong acids, oxidizers
<b>Conditions to Avoid:</b>	Heat, sparks, ignition sources

## 11. TOXICOLOGICAL INFORMATION

1,2,4-trimethylbenzene(95-63-6)	
Oral LD50 (rat):	6000 mg/kg
Cumene(98-82-8)	
NOAEL feed (rat):	>535.8 mg/kg
Oral LD50 (rat):	2260 mg/kg
Solvent naptha, light aromatic(67472-95-6)	
Dermal LD50:	>3160 mg/kg
Oral LD50:	>3000 mg/kg

<b>Primary Routes of Exposure:</b>	Eye contact, skin contact, inhalation
<b>Acute Toxicity:</b>	No information available

<b>Exposure Effects</b>	
<b>Eye Contact:</b>	Not classified
<b>Skin Contact:</b>	Irritation, drying
<b>Inhalation:</b>	Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness
<b>Ingestion:</b>	Risk of lung edema
<b>Target Organ (Single Exposure):</b>	May cause respiratory irritation, drowsiness, dizziness
<b>Target Organ (Repeated Exposure):</b>	Causes organ damage
<b>Sensitization:</b>	Not classified
<b>Carcinogenicity:</b>	Suspected of causing cancer if inhaled
<b>Mutagenicity:</b>	May cause genetic defects
<b>Reproductive Toxicity:</b>	Not classified
<b>Other:</b>	No information available

## 12. ECOLOGICAL INFORMATION

1,2,4-trimethylbenzene(95-63-6)	
Flow-through LC50 (fathead minnow, 96 hrs):	7.72 mg/L
Static EC50 (water flea, 48 hrs):	3.6 mg/L
Cumene(98-82-8)	
EC50 (green algae, 72 hrs):	2.6 mg/L
EC50 (water flea, 48 hrs):	2.14 mg/L

LC50 (rainbow trout, 96 hrs):	4.8 mg/L
-------------------------------	----------

<b>Ecotoxicological Effects:</b>	Expected to be toxic to aquatic organisms and the aquatic environment
<b>Persistence/Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available
<b>Environmental Mobility:</b>	No information available
<b>Other Effects:</b>	No information available

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Empty containers may contain flammable residue and vapors. Dispose of in accordance with federal, state, provincial, and local regulations.
-------------------------	---

### 14. TRANSPORT INFORMATION

<b>DOT</b>	
<b>Shipping Name:</b>	Petroleum distillates, n.o.s. (Naphtha Solvent)
<b>Hazard Class:</b>	3
<b>UN No:</b>	1268
<b>Packing Group:</b>	III

<b>ICAO/IATA</b>	
<b>Shipping Name:</b>	Petroleum distillates, n.o.s. (Naphtha Solvent)
<b>Hazard Class:</b>	3
<b>UN No:</b>	1268
<b>Packing Group:</b>	III

<b>IMDG/IMO</b>	
<b>Shipping Name:</b>	Petroleum distillates, n.o.s. (Naphtha Solvent)
<b>Hazard Class:</b>	3
<b>UN No:</b>	1268
<b>Packing Group:</b>	III

### 15. REGULATORY INFORMATION

<b>TSCA (US):</b>	Not all components are listed
<b>DSL/NDSL (Canada):</b>	Not all components are listed

<b>311/312 Hazard Categories</b>	
<b>Fire:</b>	Yes
<b>Pressure Generating:</b>	No
<b>Reactivity:</b>	No
<b>Acute:</b>	No
<b>Chronic:</b>	Yes

<b>CERCLA Section 302</b>	
---------------------------	--

<b>Reportable Quantities:</b>	Xylenes (isomers and mixture), 100 lbs Cumene, 5000 lbs
-------------------------------	--

<b>SARA 313</b>			
<b>Chemical Name</b>	<b>CAS Number</b>	<b>Max Weight %</b>	<b>de minimis limit</b>
1,2,4-trimethylbenzene	95-63-6	20	1.0
Xylenes (isomers and mixture)	1330-20-7	5	1.0
Cumene	98-82-8	5	1.0

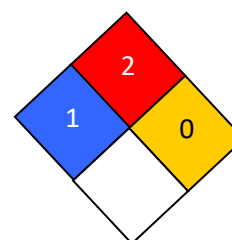
<b>State Right-to-Know</b>					
<b>Chemical Name</b>	<b>CAS Number</b>	<b>MA</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
1,2,4-trimethylbenzene	95-63-6	X	X	X	
Xylenes (isomers and mixture)	1330-20-7	X	X	X	X
Cumene	98-82-8	X	X	X	X

<b>California Proposition 65:</b>	This product contains small amounts of materials known to the state of California to cause cancer or reproductive harm.
-----------------------------------	---

## 16. OTHER INFORMATION

<b>HMIS RATING</b>	
Health:	1*
Flammability:	2
Reactivity:	0
Personal Protection:	--

**NFPA CODES**



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

<b>Revision Indicator:</b>	Revised 10/3/2018
<b>Disclaimer:</b>	The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations.