

# Material Safety Data Sheet

## Section 1: Manufacturer/Supplier Data

<b>Manufacturer or Supplier Name :</b>	Tang Eng Paint Co., Ltd.
<b>Manufacturer or Supplier Address :</b>	Tang Eng Paint Co., Ltd. Head Office 54 Chung Cheng 4 <sup>th</sup> Road Kaohsiung, Taiwan Tel: (07)221-5222 (07)221-5504 Fax: (07)282-1624
<b>Person of Contact and Telephone:</b>	Technical Department (07)871-6767~9
<b>Emergency Telephone Number:</b>	(07)871-6767~9 Fax: (07)871-7002

## Section 2: Identification Information

**Product Name:** Rapid Dry (color orange as requested)

**Synonyms:---**

Hazardous Ingredients			Registration No. of Chemical Digestion Co., (CAS No.)
Name	Chemical Formula	Concentration (%)	
Rosin Oil	---	15(%)	0830-30-6

**Product Name:**Rapid Dry (color orange as requested)

**Synonyms:---**

Allowed Concentration			LD50 (Animal Test Absorption Path)	LC50 (Animal Test Absorption Path)
TWA	STEL	Ceiling		
200PPM	250PPM	---	25mg/m <sup>3</sup>	---

## Section 3: Hazardous Identification Data

<b>The Most Essential Hazards</b>	<b>Health Hazards:</b> Inhale large quantity may result in lost of consciousness or death. Long term inhalation may affection circulation system, may result in slight anaemia and liver inflammation.
	<b>Environmental Effects:</b> It will affect the normal growing of plant with large quantity, and make aquatic plant unable to survive.
	<b>Physical/Chemical Hazards:</b> Freely evaporated material, be careful with fire & explosion.
	<b>Special Hazards:</b>

**Essential Symptoms :** Anaemia, reduction of red blood cells.

**Hazard Categories:** 3

## Section 4: Emergency and First Aid Procedure

**Route(s) of Entry:**

**Inhalation?** Yes **Skin?** No **Ingestion?** No

**Signs and Symptoms of Exposure:** Anaemia, reduction of red blood cells.

**Emergency and First Aid Procedures:**

1. Once inhale the vapor, move the patient to a location with fresh air.
2. If stop breathing, trained medical professionals shall follow emergency CPR procedure.

3. If eyes come in contact with the paint, keep the eyes under running water for at least 20 minutes. The eyes shall remain open while cleaning.
4. If skin comes in contact with the paint, use water to clean the area and take off clothes if necessary.
5. If accidentally ingested, give the patient 300ml of water to dilute the ingested paint.
6. If the patient is about to lose conscious or already lost conscious, do not give the patient anything to ingest.
7. Hospitalization.

### Section 5: Fire and Explosion Hazard Data

<b>Flash Point:</b> --- °F 27 °C		<b>Flammable</b>	<b>LEL:</b> 1.0%
<b>Experiment Method:</b> <input type="checkbox"/> Open Cup <input checked="" type="checkbox"/> Enclose Cup		<b>Limits</b>	<b>UEL:</b> 7.0%
<b>Fire Fighting</b>	<b>Extinguishing Media:</b> <b>Small Fire:</b> Powder, CO <sub>2</sub> , Water (through sprinkler head), Foam <b>Large Fire:</b> Water (through sprinkler head), Water Mist, Foam		
	<b>Special Fire Fighting Procedure:</b> <ol style="list-style-type: none"> <li>1. Do not put out fire, unless leaking can be stop.</li> <li>2. Use water sprinkler to reduce vapor concentration and dilute the leak-out into inflammable material.</li> <li>3. Use large quantity of water through sprinkler head or water mist to put out fire. The traditional fire fighting method (water column) will not be very effective.</li> <li>4. Use large quantity of water to cool down the container until the fire is put out.</li> </ol>		

### Section 6: Control Measures

#### Steps to Be Taken in Case Material is Released or Spilled:

1. Turn away any fire source.
2. If safe, try to stop further leakage.
3. Use sand, soil, or other inert materials to stop leaking.

#### Water Disposal Method:

1. Turn the Xylenes disposal into mist form, and burn the disposal in an appropriate incinerator.
2. Recycle or reuse Xylenes disposal.
3. With small quantity, dilute with large quantity of water and release the solution into the sewage system.
4. Use Xylenes Absorber according to the environmental law.

### Section7: Safe Handling and Storage

**Handling:** Put fire extinguisher around the products.

**Storage:** Containers should be airtight, to avoid any organic matter released.

### Section 8: Precaution for Expose

#### Personal Protection Equipment:

##### Eye Protection:

1. Wear protective goggle or mask with chemical resistance.

##### Respiratory Protection (Specify Type):

1. Under 2000ppm, air supplied or automatic breathing equipment.
2. Under 2500ppm, pressurized breathing equipment.

##### Protective Gloves:

1. The protective gloves shall be made of the following materials: Chloroprene rubber, Butyl rubber, Styrene-butadiene rubber, or natural rubber materials.

**Other Protective Clothing or Equipment:**

1. The protective clothing or safety shoes shall be of the above described rubber materials.

**Ventilation:**

1. Ventilation equipment shall not produce any fire spark when use along.
2. The exhaust air shall be released into the open air.
3. The exhaust air shall be mixed with enough amount fresh air.

**Precautions to Be Taken in Handling and Storing:**

1. Shall avoid using machine that will produce spark.
2. While packaging into container form or moving containers into a vehicle, do not attempt to turn on the vehicle, performing electrical inspection or maintenance, vehicle washing, or moving car.
3. In the field where there is a high concentration of Xylenes, use electronic devices that will prevent accidental explosion.
4. Storing in dry and cool location with good ventilation and no direct sunlight.
5. Use approved containers for storage.
6. Control the quantity of products store in one location. Keep the lid on when work is done.

**Work/Hygienic Practices:**

1. Shall wear protective mask, gloves, clothing, safety shoes, etc.
2. Practice good hygienic habit such as hand washing before meal.

**Section 9: Physical/Chemical Characteristics**

<b>Physical State:</b>	<input type="checkbox"/> Semi-solid	<input type="checkbox"/> Powder	<b>pH:---</b>
	<input type="checkbox"/> Solid	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Gaseous
<b>Boiling Point:</b> 129°C~159°C	<b>Melting Point:---</b> °F --- °C		<b>Appearance:</b> Clear, Colorless
<b>Vapor Density:</b> ( Air=1 ) 3.7			<b>Odor:</b> Mild Odor
<b>Evaporation Rate:</b> ( Butyl Acetate=1 ) ---			<b>Vapor Pressure:</b> 11mmHg ---psi
			<b>Specific Gravity:</b> ( Water=1 ) 0.868
			<b>Solubility in Water:</b> <0.1

**Section 10: Reactivity Data**

<b>Stability:</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid:</b> Keep away from the source of fire
	<b>Hazardous decomposed matter:</b> May release some poisonous matter with Oxidize Carbide
<b>Hazardous Polymerization</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	<b>Conditions to Avoid:</b> ---
<b>Incompatibility(Materials to Avoid):</b> Oxidant Accelerator	

**Section 11: Poison Effect Data**

**Heavy Poison Effect:** Exposed by large quantity may result in lost of consciousness or death.

**In part Poison Effect:** ---

**Sensitive Effect:** Result in skin disease as red and swollen

**Short-term or Long-term Poison Effect:** Long-term Poison Effect

**Particular Effect:---**

**Section 12: Ecology Data**

**Potential Influence of Environment/ The Spread of Environment:**

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Wild odor pollution caused by Air  
Poison accumulation caused by Soil  
The death of the living things caused by bad quality water

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**Section 14: Shipping Data**

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**International Shipping Regulations:** Keep away from the source of fire

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**U.N. No.:** UN 1256

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**Domestic Delivery Regulations:** Keep away from the source of fire.

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**Section 15: Laws Data**

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**The laws to apply to: Labor's Safety & Hygienic Laws**

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**Section 16: Others Data**

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	<b>Telephone:</b> (07)871-6767-9
<b>Department/Personal Name</b>	<b>Job Title:</b> Work /Safety/Hygienic Controller <b>Name:</b> Fang Kuo Hsing <b>Signature:</b>
<b>Data of Entry</b>	<b>Taiwan Year:</b> 92 (equivalent as 2003) <b>Month:</b> 4 <b>Date:</b> 30

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P.S. The above data are collected and edited, we are not responsible for its accurate, approve, & complete, the users should be responsible for their safety by themselves.