

Pearl Ex Varnish**MSDS No:649 Effective Date: 09/08/05 Amendatory Date: 03/1/2010****1. Product Identification****Product Code: 649****2. Composition/Information on Ingredients**

| Ingredients | % | Chemical Name | TWA (final) | CAS No. | STEL | Skin Designations |
|------------------------------------|-----|--------------------------------------|--|------------|--------|------------------------------|
| Propylene Glycol Mono Methyl Ether | 1-5 | Propylene Glycol Mono Methyl Ether | 100ppm (ACGIH) | 107-98-2 | 150ppm | |
| Dipropylene Glycol Methyl Ether | 1-5 | Dipropylene Glycol Mono Methyl Ether | 600mg/m ³ 100ppm (OSHA) 100ppm (ACGIH) | 34590-94-8 | 150ppm | Can be absorbed through skin |
| Aromatic Naphtha Light | 1-5 | Petroleum Naphtha, light aromatic | | 64742-95-9 | | |
| Proprietary Additive | 1-5 | Proprietary Additive | 5mg/m ³ (OSHA) .2ppm (ACGIH) | | | |
| 1, 2, 4-Trimethylbenzene | 1-5 | Pseudo Cumene | 25ppm (ACGIH) | 95-63-6 | | |

3. Physical & Chemical Characteristics**Boiling Point:** 212 degrees F**Vapor Pressure:** 24mmHG @ 68 degrees F**Vapor Density:** 5.1 (air=1)**Solubility in Water:** soluble**Appearance & Odor:** Liquid. Odor is normal for this type of product.**Specific Gravity:** 1.01**Evaporation Rate:** 1 (butyl acetate=1)**Density:** 8.47 (lbs per US gallon)**4. Fire & Explosion Data****Flash Point:** 200 degrees F**Auto Ignition:** Not available**Extinguishing Media:** Carbon dioxide, dry chemical, foam and/or water fog.**Special Fire Procedures:** Use water spray to cool nearby containers and structures exposed to fire. Will not sustain combustion.**Unusual Hazards:** None known**5. Reactivity Data****Stable:** Yes.**Conditions to Avoid:** None Known.**Incompatibility:** Strong oxidizers.**Hazardous Decomposition:** None anticipated.**Hazardous Polymerization:** Carbon monoxide and carbon dioxide.**6. Health Hazards****Routes of Entry:** Inhalation, Ingestion, Skin Absorption**Inhalation Effects:** Harmful if inhaled. May affect brain, nervous system or respiratory system, causing dizziness, headache, nausea or respiratory irritation.**Eye Contact:** May cause moderate eye irritation.**Skin Contact:** Harmful if absorbed through the skin.**Other Effects:** May cause kidney and/or liver damage.

This product contains ingredients that may contribute to the following chronic health effects:

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 eye damage and pain. May cause liver damage. May cause kidney damage. Possible sensitization.

7. Emergency & First Aid Procedures

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Get medical attention. If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

Eyes: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean contaminated shoes.

Ingestion: If swallowed, do not induce vomiting. Give large amounts of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

8. Special Precautions & Spill/Leak Procedures

Handling & Storage: Keep away from heat, sparks and flames. Keep container closed when not in use. Do not store above 120 degrees F. Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

Steps if Spilled: Ventilate area. Avoid breathing of vapors. Use self-contained breathing apparatus or air mask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. Avoid contact with eyes.

Waste Disposal: Disposal should be made in accordance with federal, state and local regulations.

9. Special Protection Information

Respiratory Protection: If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation: Required when spraying or applying in confined area. Ventilation equipment should be explosion proof.

Skin Protection: Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

Eye Protection: Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

10. Transportation Information

US Department of Transportation

Proper Shipping Name: Paint, Not regulated

UN ID Number: NRPAIN

49 CFR Hazardous Materials Regulations Parts 100-180

The supplier will apply the combustible liquid exception in 49CFR 173.150(f), limited quantity or "does not sustain combustion" exceptions and consumer commodity rules, when authorized. Please check 49 CFR Parts 100-180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

International Air Transport Association:

Proper Shipping Name: Paint, Not regulated

UN ID Number: NRPAIN

International Maritime Organization:

Proper Shipping Name: Paint, Not regulated

Non-bulk UN ID Number: NRPAIN

11. Regulatory Information**US FEDERAL REGULATIONS:**

| Common Name | CAS No | % | SARA 313 |
|------------------------|---------|-----|---|
| 1,2,4 Trimethylbenzene | 95-63-6 | 1-5 | Form R reporting required for 1% de minimis concentration |

SARA 311/312 Hazard Class:

Acute: Yes

Chronic Yes

Flammability No

Reactivity No

Sudden Pressure No

US State Regulations:**Pennsylvania Right to Know:**

Propylene Glycol Mono Methyl Ether 107-98-2

Proprietary Additive Trade Secret

Dipropylene Glycol Methyl Ether 34590-94-8

Aromatic Naphtha, Light 64742-95-6

1,2,4 Trimethylbenzene 95-63-6

Additional Non-Hazardous Materials:

Water 7732-18-5

Proprietary Resin Trade Secret

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS-Chemical Inventories**TSCA Inventory:**

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substance List: Not all components of this product are listed on the Domestic Substances List.

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