

PEARLAC PAINTS

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MATERIAL

<u>PRODUCT</u>	Enamel Thinners Other Names: PAINT RELATED MATERIAL.
<u>USE</u>	A solvent based mixture used as a Thinner or Cleaning Agent for painting and printing equipment.

SECTION 2: HAZARD IDENTIFICATION

This material is classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Symbol (s)



Signal Word: Danger

Hazard Statements:

PHYSICAL HAZARDS:

Highly flammable liquid and vapour.

HEALTH HAZARDS:

May be fatal if swallowed and enters airways

Cause skin irritation

May cause dizziness or drowsiness

May cause damage to organs through prolonged or repeated exposure

Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Keep away from heat, sparks, open flames, hot surfaces. No Smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical, ventilating, lighting equipment.

Use non-sparking tools

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Do not breathe mist, vapours, spray

Wash exposed skin thoroughly after handling

use only outdoors or in a well-ventilated area

Wear protective gloves, protective clothing eye protection, face protection.

Storage

Store in a well-ventilated place. Keep cool. Store

locked up

Disposal

Dispose of contents and container to appropriate waste site of reclaimer in accordance with local and national regulations.

Other Hazards which do not result in classification

This material is a static accumulator.

Even with proper grounding and bonding, this material can still accumulate an electrostatic charge.

If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapour mixtures can occur.

SECTION 3: FIRST AID MEASURES

Information:

Check the vital functions. Unconscious: Maintain adequate airway and respiration.

Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half seated.

Victim in shock: on his back with legs slightly raised.

Vomiting: prevent asphyxia pneumonia. Prevent cooling by covering the victim. Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital. Never give alcohol to drink.

Ingestion: If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. If any of the following delayed signs and symptoms appear within/ the next 6 hours, transport to the nearest medical facility

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

Skin: Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest facility for additional treatment.

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Inhaled: DO NOT DELAY. Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

First Aid Facilities: Eye wash fountains and safety showers should be available for emergency use.

Advice to Doctor: Most important symptoms and acute effects and delayed chronic symptoms

Treat Symptomatically. Exposure to high concentrations can give headache, nausea, feeling of weakness, dizziness, central nervous system depression, and narcosis, mental confusion, drunkenness, coordination disorders, disturbed motor response, disturbances of consciousness, tingling/irritation of the skin, irritation of the eye tissue, aspiration pneumonia and abdominal pain.

SECTION 4: FIRE FIGHTING MEASURES

Suitable extinguishing media: Preferably: alcohol resistant foam, water spray, BC powder, Polyvalent foam, carbon dioxide/

Unsuitable extinguishing media Container may slop over if solid jet is applied

Special protective precautions and equipment for fire fighters: Wear full protective clothing and self-contained breathing apparatus.

Other advice Keep adjacent containers cool by spraying with water.

SECTION 5: ACIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment

Personal precautions, protective equipment and emergency procedures Isolate hazard area and deny entry to unnecessary or unprotected personnel. Stay upwind and keep out of low areas

Environmental Shut off leaks, if possible without personal risks. Remove all possible sources of ignition in the surrounding area. Use appropriate containment . Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example using fog sprays. Take precautionary measures against static discharge.

Additional advice Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. Local authorities should be advised if significant spillages cannot be contained. The vapor is heavier than air, spreads along the ground and distant ignition is possible. Vapor may form an explosive mixture with air.

SECTION 6: HANDLING AND STORAGE

General precautions Avoid breathing vapors or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For comprehensive advice on handling, product transfer, storage and tank cleaning refer to the product supplier. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material. Extinguish any naked flames. Do not smoke. Remove ignition sources.

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Precautions for safe handling:

Avoid inhaling vapor and/or mists. Avoid contact with skin, eyes and clothing. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. The vapor is heavier than air. Beware of accumulation in pits and confined spaces. Use local exhaust ventilation if there is risk of inhalation of vapors, mists or aerosols. Be aware of handling operations that may give rise to additional hazards that result from the accumulation of static charges. Avoid splash filling. Do NOT use compressed air for filling, discharging, or handling operations.

SECTION 7: PERSONAL PROTECTION

PERSONAL PROTECTION

Hand Protection: Where hand contact with the product may occur the use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: Longer term protection: Viton. Incidental contact/Splash protection: Contaminated gloves should be replaced. Personal hygiene is an element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non- perfumed moisturizer is recommended.

Skin Protection: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.

Eye Protection: Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

Respiratory Protection : If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for organic gases and vapors

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Body protection: Chemical resistant gloves/gauntlets, boots, and apron. Where risk of splashing or in spillage clean up, use chemical resistant one-piece overall with integral hood. Wear antistatic and flame retardant clothing.

Smoking & Other Dusts: Smoking must be prohibited in all areas where this product is used - see safety information on flammability.

Thermal Hazards: Not Applicable

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless liquid
Odour	Aromatic
Melting Point	Not available.
Boiling Point	110-111°C / 293°F
Solubility	Water 0.05g / 100mL, Ethanol complete, ether complete, acetone > 10g / 100mL
pH Value	No data available.
Vapour Pressure	102 hPa at 20°C
Vapour Density (air = 1)	3.2
Flash Point	4°C

SECTION 9: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Incompatible Materials:	Will react violently with (some) halogens, strong oxidizers, increased risk of explosion in presence of some acids
Conditions to avoid:	Heat, sparks, flame and build-up of static electricity.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Reactions:	Hazardous polymerisation will not occur.

SECTION 10: TOXICOLOGICAL INFORMATION

Basis for assessment	Information given is based on product testing, and/or similar products, and/or components.
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Likely Routes of exposure:	Inhalation is the primary route of exposure although absorption may occur through skin contact or following accidental ingestion.
Acute Toxicity	
Acute Oral Toxicity:	May be harmful if swallowed LD50 > 2000 mg/kg
Acute Dermal Toxicity	Harmful in contact with skin. LD50 >5000 mg/kg
Acute Inhalation	Harmful if inhaled. LC50 > 20,0 mg/l

Reproductive and environmental toxicity	Suspected of damaging fertility or the unborn child
Specific target organ toxicity	May cause damage to organs through prolonged or repeated exposure.
Toxicity single exposure	Respiratory system
Specific target organ repeated exposure	Central nervous system: repeated exposure affects the nervous system. Effects were seen at high doses only. May cause MDS (Myelodysplasia syndrome)
Additional information	On continuous/ repeated exposure/ contact: Dry skin, skin rash/ inflammation. Impairment of the nervous system, tremor, impaired memory, impaired concentration, brain affection, disturbances of heart rate, change in the haemogramme/blood composition. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis

SECTION 11: ECOLOGICAL INFORMATION

Mobility in soil: Surface tension toluene is 0.03 N/m (at 20 °C)

SECTION 12: DISPOSAL CONSIDERATIONSTION

Dispose of waste a state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

SECTION 13: REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

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SECTION 14: OTHER INFORMATION

DISCLAIMER

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