

MATERIAL SAFETY DATA SHEET

1. **PRODUCT NAME** : **P.U.ENAMEL**

2. **COMPOSITION**

Chemical family: **ACRYLIC RESIN**

Hazardous components:

Name	Cas no	% (ww)
Organic solvent blend		100 %

Classification: Unknown

R Phrases: R11, R20, R22

3. **HAZARDS IDENTIFICATION**

Flammable: Remove all ignition sources. Avoid vapour accumulation – ensure good ventilation.
Health effects:-
Eyes: May cause moderate irritation.
Ingestion: May cause gastro-intestinal irritation, dizziness, nausea and loss of consciousness.
Respiration: May cause irritation, dizziness, nausea and loss of consciousness.
Skin: May cause moderate irritation. Repeated contact may cause dry skin and possible dermatitis.

4. **FIRST AID MEASURES**

Inhalation: Move to safe area with fresh air. If breathing is irregular or stopped, perform artificial respiration and seek medical attention.
Skin: Wash with recognized skin cleaner and water. Avoid the use of solvents or thinners.
Eyes: Rinse thoroughly with water for at least 10 minutes. Seek medical attention.
Ingestion: Give plenty milk / water. Do not induce vomiting. Keep at rest. Seek immediate medical attention.

5. **FIRE FIGHTING MEASURES**

Extinguishing media: - suitable:
Alcohol resistant foam, CO₂, powders and water mist.
Special risks posed by the substance or by actual preparation, its combustion products or gases discharged:
Possible decomposition products are carbon monoxide, carbon dioxide and oxides of nitrogen.
Protective equipment:
Appropriate breathing apparatus may be required.

6. **ACCIDENTAL RELEASE MEASURES**

Personal precautions:
Ensure sufficient ventilation. Remove all ignition sources, flames, sparks, static electricity and heat.
Environmental precautions:
Do not allow product to enter sewerage drains or watercourses.
Clean up method: Contain and collect spillage with non-combustible absorbent material and dispose of according to local regulations. Clean preferably with detergent. Avoid use of solvents.

7. **HANDLING AND STORAGE**

Normal precautions for handling chemical should be followed. Remove all ignition sources. Ensure sufficient ventilation. Keep away from oxidizing agents or strongly acidic materials. Avoid heat and direct sunlight. Avoid temperatures below 0°C.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Occupational exposure limit	
Organic solvent blend	100 ppm	

SAPMA hazard rating: Unknown

Personal Protective equipment: Avoid eye and skin contact.

Skin: Use protective gloves. Wash immediately in case of contact. Observe the rules of hygiene. Wash hands before eating, drinking or smoking.

Eyes: Use safety glasses. Never touch eyes with dirty hands or gloves.

Ingestion: Observe the rules of hygiene. Wash hands before eating, drinking or smoking.

Inhalation: Should ventilation be inadequate, a half-face mask for nuisance organic vapours is recommended.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear Liquid
Density:	0.90 Kg /L
Flash point:	31 ° C
Solubility:	Organic solvent
Viscosity:	65"@25°C

10. **STABILITY AND REACTIVITY**

Keep away from oxidizing agents. Strong alkaline or acidic materials to avoid exothermic reactions.

11. **TOXICOLOGICAL INFORMATION**

Frequent and prolonged skin contact may cause irritation and skin inflammation.

Prolonged inhalation of vapours in high concentration may lead to headache, giddiness and nausea.

In case of contact with the product: danger of absorption through the skin, irritation of skin / mucous membranes.

12. **ECOLOGICAL INFORMATION**

Product is considered a water pollutant. Keep away from sewerage drains and watercourses.

13. **DISPOSAL CONSIDERATIONS**

Mix product with inert absorbent material and dispose of according to local regulations. Empty containers are suitable for recycling.

14. **TRANSPORT INFORMATION**

Shipping name: N/A

Packing group: N/A

Hazard class: N/A

SIN / UN number: 1263

15. **REGULATORY INFORMATION**

Classification: Flammable.

Risk phrases: R11, R20, R22,

Safety phrases: S2 Keep out of reach of children.

S16 Keep away from sources of ignition – no smoking.

16. **OTHER INFORMATION:**

If discomfort is experienced during or after exposure to this product seek medical attention.