



U N I L A M I N T E R N A T I O N A L

UNILAM INTERNATIONAL LIMITED

Head Office: Ravenscliffe Road, Calverley, Leeds, LS28 5RZ, England.
Tel: +44 (0) 1274 615550 Fax: +44 (0) 1274 615540
www.unilaminternational.com E-mail: sales@unilaminternational.com

MATERIAL SAFETY DATA SHEET:

UNILAM TRANSPARENT COLOUR PIGMENTS (ALL COLOURS):

1. Identification of the Substance/Company Information

Product Information: **POLYESTER COLOUR PASTE (LEAD-FREE)**

Company: Unilam International Limited
Ravenscliffe Road
Calverley
Leeds
LS28 5RZ
United Kingdom

Emergency Telephone No: + 44 (0) 1274 615550 +44 (0) 7801 746588

Emergency Fax No: + 44 (0) 1274 615540

2. Composition/Information On Ingredients

No hazardous ingredients

3. Hazard Identification

Not classified as hazardous under current UK legislation.

4. First Aid Measures

Inhalation:

In extreme cases, move the exposed person to fresh air. Keep warm and at rest and obtain medical attention.

Ingestion:

DO NOT INDUCE VOMITING. Give milk or water (not if person is unconscious) and obtain medical attention.

Skin Contact:

Promptly wash affected area with soap and water. Remove contaminated clothing and wash before re-use.

Eye Contact:

Hold eyes open for at least 15 minutes under running water (eyelids should be held away from the eyeball to ensure thorough rinsing) and obtain medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media:

Dry chemical, CO₂, sand and water spray.

Unsuitable Extinguishing Media:

Water jet.

Special Fire-fighting procedures:

Do not allow to run-off from fire fighting entering drains or watercourses.

Special Protective Equipment:

Material is combustible and will produce dense black smoke in a fire, therefore suitable breathing apparatus may be required.

Hazardous Combustion Products:

Oxides of carbon and partially oxidized organic fragments of the products main components may be produced.

6. Accidental Release Measures

Personal Precautions:

Wear suitable protective clothing. Spilt product presents a slip hazard.

Environmental Precautions:

Confine the spill. Do not allow products to enter sewers, rivers or open waters.

Methods For Cleaning Up:

Contain and absorb with inert material and shovel to disposal. Do not allow the area to remain slippery with product residues. Clean up preferably with a detergent; avoid use of solvents.

7. Handling And Storage

Handling Precautions:

Use with care and avoid spillage. Do not eat, drink or smoke. Avoid eye and skin contact.

Storage Precautions:

Store in a cool, dry, well-ventilated area. Keep in tightly closed, clearly labeled containers. Isolate from direct sources of heat.

8. Exposure Controls/ Personal Protection

Exposure Limits:

Not applicable.

Inhalation:

No particular ventilation requirements.

Skin:

Prolonged or repeated skin contact should be avoided. The use of chemically resistant gloves and/or barrier cream is recommended.

Eyes:

Eye or face protection is recommended where a risk of splashing exists.

Industrial Hygiene:

Good standards of industrial hygiene are required for the use of this material

9. Physical And Chemical Properties

Physical Form:	Viscous liquid or paste.	Colour:	Various
Odour:	Bland	Specific Gravity:	Varies with colour
Pour Point:	Not determined	Boiling Point:	Not determined
pH:	Not applicable	Miscibility with water:	Immiscible
Vapour Pressure:	< 5 mmHg (@20 °C) (resin)	Vapour Density:	Not determined
Auto ignite Temp:	Not determined.		
Flash Point:	Approximately 100 °C (closed cup method)		
Explosive Properties:	Not determined		

10. Stability And Reactivity

Chemical Stability:	Stable under recommended handling and storage conditions.
Conditions to avoid:	Direct sources of heat.
Materials to avoid:	Oxidising agents, strong acids and strong alkalis.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, oxides of nitrogen and smoke may be produced if material is exposed to high temperatures.

11. Toxicological Information

The following toxicological assessment is based on knowledge of the toxicity of the products components.

Inhalation:	High concentrations of vapour may be irritating to the respiratory tract and may cause headaches, dizziness and ultimately unconsciousness.
Ingestion:	Ingestion of large quantities of this material may be severely irritating to the alimentary canal and may cause nausea and sickness.
Skin:	May be irritating to the skin. Frequent or prolonged exposure causes de-fatting of the skin and may lead to dermatitis.
Eyes:	May be irritating to the eyes.
Chronic Effects:	Repeated or prolonged contact with the skin may lead to non-allergic dermatitis.

12. Ecological Information

Mobility:	Mobile, viscous liquid. Insoluble in water.
Persistence and degradability:	No information available.
Bioaccumulative Potential:	No information available.
Ecotoxicity:	Spills may form a film on water surfaces, which may impair oxygen transfer and cause physical damage to some organisms.

13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

Product:	Material should be removed by approved waste contractors.
Empty Packaging:	Empty packages may contain combustible residues and should be disposed of in a manner acceptable to local authorities.

14. Transport Information

The product has no classification when transported by Land (Road/Rail), Sea or Air.

15. Regulatory Information

Classification for Supply:	Not classified.
Risk Phrases:	Not applicable
Safety Phrases:	Not applicable.
Statutory Instruments:	Health & Safety at Work etc. Act 1974 Chemicals (Hazards, Information & Packaging) Regulations (As amended) 1999. Carriage of Dangerous Goods (Classification, Packaging and Labeling) Regulations 1996. Control of Substances Hazardous to Health Regulations 1999. Environmental Health Protection Act 1990.

16. Other Information

ISSUED IN ACCORDANCE WITH EU DIRECTIVE 91/155/EEC, as amended by 2001/58/EC

Note: Where this product is used in applications other than those specified by Unilam International Limited, no responsibility can be accepted for loss or damage incurred.

The following references (available from HSE) provide further information on specific aspects.

L5	General COSHH approved code of practice.
EH 40	Occupational exposure limits.
EH 26	Occupational Skin Diseases: Health and Safety Precautions.