



Material Safety Data Sheet

Keda Marble Protective Materials Co.,Ltd	PRODUCT: LIQUID GLUE
DATE REVISED: April 01, 2007	DATE ISSUED: July 15, 2009

1. Substance/preparation and company name

Trade name: LIQUID GLUE

Company:

Keda Marble Protective Materials Co.,Ltd.

2. Composition/information on ingredients

Components	CAS No.	Average
Unsaturated polyester resin	29987-69-7	70.0
Phenylethylene	100-42-5	30.0

3. Possible hazards

EMERGENCY OVERVIEW

Form: liquid
Colour: transparent
Odour: odourless

WARNING STATEMENTS

WARNING!

May cause eye irritation
May cause skin irritation
May cause respiratory tract irritation
May cause allergic skin reaction.

POTENTIAL HEALTH EFFECTS

Likely routes of exposure: eye and skin contact inhalation
Eye contact: Moderately irritating to eyes.
Dust may cause eye irritation as would any foreign material.
Skin contact: Moderately irritating to skin
No more than slightly toxic if absorbed.



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Inhalation:	May cause allergic skin reaction. Moderately irritating if inhaled. No more than slightly toxic if inhaled.
Ingestion:	No more than slightly toxic if swallowed. Significant adverse health effects are not expected to develop if only small amounts (less than a mouthful) are swallowed.

4. First aid measures

If in eye: Immediately flush with plenty of water. If easy to do, remove any contact lenses. Get medical attention if irritation persists. Remove material from skin and clothing.

If on skin: Immediately flush the area with plenty of water. Remove contaminated clothing. Wash skin gently with soap as soon as it is available. Get medical attention if irritation persists. Wash clothing before reuse.

If inhaled: Immediate first aid is not likely to be required. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Remove material from eyes, skin and clothing.

If swallowed: Immediate first aid is not likely to be required. A physician or Poison Control Center can be contacted for advice. Wash heavily contaminated clothing before reuse.

5. Fire fighting and measures

Flash point : >100 °C (Marcusson)

Flammable limits : Not applicable

Decomposition temp.: > 250 °C.

Extinguishing media : Carbon dioxide, foam, dry chemical, water spray.

Fire fighting procedures-special : Firefighters, and others exposed, wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

6. Accidental release measures

Wear appropriate personal protective equipment, including appropriate respiratory protection to ventilate contaminated area. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. Handling and storage

Handling

Avoid creating dust cloud in handling, transfer and clean-up.

Avoid breathing dust.

Avoid contact with eyes, skin and clothing.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling.

Emptied containers retain vapour and product residue. Observe all recommended safety precautions until container is cleaned, reconditioned or destroyed. The reuse of this material's container for non industrial purposes is prohibited and any reuse must be in consideration of the data provided in this material safety data sheet.



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Storage

General: Store in a cool, well ventilated place away from foodstuffs, reducing agents and acids. Stable under normal conditions of handling and storage.

8. Exposure controls and personal protection

- Eye protection: Wear chemical goggles.
Have eye flushing equipment available.
- Hand protection: Wear chemical resistant gloves.
Consult the glove/clothing manufacturer to determine the appropriate type glove/clothing for a given application.
- Body protection: Wear suitable protective clothing.
Consult the glove/clothing manufacturer to determine the appropriate type glove/clothing for a given application. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling. Attention! Repeated or prolonged contact may cause allergic skin reaction in some people.
- Respiratory protection: Avoid breathing dust. Use approved respiratory protection equipment (full facepiece recommended) when airborne exposure limits are exceeded. If used, full facepiece replaces the need for face shield and/or chemical goggles. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.
- Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. If practical, use local mechanical exhaust ventilation at sources of air contamination such as processing equipment.

9. Physical and chemical properties

- Density: 1.10g/cm³@25 C
- Melting point: /
- Water solubility: insoluble

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. Stability and reactivity

- Conditions to avoid: All sources of ignition.
- Materials to avoid- None known
- Hazardous reactions: Hazardous polymerization does not occur.
- Hazardous decomposition products: None known; products.



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11. Toxicological information

Keda has not conducted toxicity studies on this material and no toxicological information was obtained in a reasonably extensive search of the available scientific literature.

12. Ecological information

Keda has not conducted environmental toxicity or biodegradation studies with this material.

13. Disposal considerations

Disposal considerations:

Incineration
Recycle
Landfill

Miscellaneous advice: Local, state, provincial, and national disposal regulations may be more or less stringent. Consult your attorney or appropriate regulatory officials for information on such disposal. This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.

14. Transport information

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

US DOT
Other:

Canadian TDG
Other:

15. Other information

Product use: Stone Bonding

Prepared by Keda Marble Protective Materials Co.,Ltd