

Material Safety Data Sheet

BISFIL II catalyst paste

1. Identification of Substance/Preparation and Company/Undertaking

Product Name: BISFIL II catalyst paste
 Manufacturer: Bisco, Inc. 1100 W Irving Park Road, Schaumburg, IL 60193 USA
 Emergency Telephone: 1-847-534-6000
 CE Administrator: Bisico France, B.P. 60, 'L-Opera'-13680 Lancon de Provence
 Emergency Telephone: (33)490.42.92.92

2. Composition/Information on Ingredients

| Ingredient | Concentration Range (%) | CAS Number | Symbol/Risk Classification | OSHA PEL (mg/m ³) | ACGIH (mg/m ³) | LD50 (mg/kg, rat/oral) |
|----------------------------------|-------------------------|-------------|----------------------------|-------------------------------|----------------------------|------------------------|
| Bisphenol A | 7-13 | 1565-94-2 | Xi; R36/38-43 | N/D | N/D | N/D |
| diglycidylmethacrylate | 5-10 | 109-16-0 | Xi; R36/38-43 | N/D | N/D | N/D |
| Triethyleneglycol dimethacrylate | 60-99 | 65997-18-4 | | 15 | 10 | N/D |
| Glass Frit | 10-20 | 122945-52-5 | | 20 | 10 | >1000 |
| Amorphous Silica | | | | | | |

3. Hazards Identification

Irritates the eyes. May cause allergic reaction on skin.,

4. First Aid Measures

Inhalation: Provide fresh air and rest.
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush with running water for at least 15 minutes while keeping eye lids open; seek medical attention.
 Ingestion: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested.

5. Firefighting Measures

Firefighting media: Dry chemical powder, foam or carbon dioxide.
 Fire and explosion risks: Upon combustion, irritating gases may form.

6. Accidental Release Measures

Personal Precautions: Prevent skin/eye contact,
 Environmental Precautions: Avoid ground water contamination,
 Methods for Cleaning Up: Wipe with damp paper towels. Discard properly,

7. Handling and Storage

Store in ventilated cool dry place (<22C/ 72F).;

8. Exposure Controls/Personal Protection

Eye Protection: Use protective eyewear;

Hand Protection: Use protective gloves;
 Respiratory Protection: Avoid prolonged breathing of vapors of uncured material;
 Skin Protection: Use Any necessary hygiene measures;

9. Physical/Chemical Properties

| | | | |
|-----------------------|---------------------|--------------------------|-----|
| Appearance | Viscous paste | Vapor Pressure @ 20C/68F | N/A |
| Color | White | Miscibility | N/A |
| Odor | Slight acrylic odor | Vapor Density | N/A |
| Solubility (H2O, fat) | Insoluble | pH | N/A |
| Boiling Point/Range | N/A | Evaporation Rate | N/A |
| Melting Point/Range | N/A | Viscosity | N/A |
| Flash Point | N/A | Partition Coefficient | N/A |
| Conductivity | N/A | Autoflammability | N/A |
| Explosive Properties | N/A | Flammability | N/A |
| Oxidizing Properties | N/A | Relative Density | N/A |

10. Stability and Reactivity

Avoid high temperatures;

11. Toxicological Information

Eye Contact: Irritates the eyes;
 Skin Contact: May irritate the skin;
 Sensitization: May cause allergic reaction on contact with the skin;
 Other: N/A,

12. Ecological Information

N/A

13. Disposal Considerations

Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.

14. Transport Information

No special precautions.

15. Regulatory Information

Classification: R36 Irritating to eyes., R38 Irritating to skin., R43 May cause sensitization by skin contact., Xi; Irritant,

Safety: Refer to any applicable National laws,

16. Other Information

Revision Date: 9/19/2002 Replaces MSDS dated: 11/10/2000
 Revision Number: 2 Product: BISFIL II catalyst paste

NOTE: This information is believed to be correct as of the date of this MSDS. The manufacturer makes no