

**BiNDER (011200)****EU Directive**

Following has been prepared in accordance with "European directive (EU) 1907/2006/AT".

1. Company and Product Information

1.1. Product Information

Product Name: BINDER Siliconated Transparent Concentrated Insulating Binder
Description: Water based interior & exterior

1.2. Company Information

Süleyman Ishakoglu Ishakol Boya San. A.S.
G.O.S.B. 700 Sokak No:714 41480 Gebze/Kocaeli/Turkey
Tel: + 90 262 677 1923 / 444 8 333
Fax: + 90 262 677 1933
e-mail: ishakol@ishakol.com

1.3. Emergency Phone No.

Tel: + 90 262 677 1933

2. Compositon/Information on Components

Name of Chemical	CAS No.	ECS No	[%]	Classification
Ethanediol	107-21-1	203-473-3	1-2	R 22

See Section 16 for definition of safety and risk clauses.

3. Possible Hazards

This product has not been classified as hazardous in accordance to directive 1999/45/EEC and its amendments.

R 22 Harmful if swallowed

4. First Aid Measures

4.1. General: Consult medical advice in case symptoms are observed. Avoid oral intake if patient is unconscious.

4.2. Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Avoid oral intake. If unconscious, place in recovery position and seek medical advice.

4.3. Skin Contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do not use solvents or thinners.

4.4. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.

4.5 Ingestion: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at a resting position. Do not induce vomiting.

5. Fire Fighting Procedures

The product is not flammable. Fire extinguishing media: Foam, carbon dioxide, dust, water mist may be used. (Use of pressurized water not recommended).

6. Accidental Release Measures

6.1. Personal precautions: Observe personal precautions cited at sections 7 and 8.

6.2. Release or spilling: Contain and collect spillage with inert, absorbent material such as sand or earth. Dispose of in accordance with Local Regulations (see section 13). Do not release into drains or watercourses. Preferably clean with a detergent. Avoid using solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

See section 8 for personal protective equipment and section 13 for waste disposal.



MATERIAL SAFETY DATA SHEET

7. Handling and Storage

7.1. Handling: Keep container closed when not in use. Avoid contact with hands and eyes. Do not inhale vapor or spray mist. Refrain from eating, drinking and smoking in areas where this material is handled, stored or applied. Wash hands and face before eating, drinking and smoking.

Use appropriate personal protective equipment (see section 8).

7.2. Storage: Store in accordance with local official regulations. Must be kept in dry and well-ventilated place. Containers that have been opened must be carefully resealed and kept upright prevent leakage.

8. Exposure Controls/Personal Protection

Exposure Controls / Personal Protection

Engineering Measures: Provide adequate ventilation.

Personal Precautions:

8.1. Respiratory system: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted certified respirator.

8.2. Hands: For prolonged or repeated handling use gloves (neoprene or nitrile). Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. Producers may be consulted on the chemical and penetration resistance times before the selection of gloves.

8.3 Eyes: Use safety eyewear designed to protect against splash of liquids. (goggles)

9. Physical and Chemical Properties

Appearance: Liquid
Odour: Characteristic
Colour: Transparent
Density(20°C): 1,00 ±0,02 g/ml
Solubility in water: Soluble

10. Stability and Reactivity

- Stable if recommended storage and handling conditions are observed.
- Hazardous decomposition products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
- Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

11. Toxicological Information

Oral LD 50 (mg/kg; rat) : Undetermined
Dermal LD 50 (mg/kg; rabbit) : Undetermined
Inhalation LC 50 (mg/kg; rat) : Undetermined

12. Ecological Information

Do not release into sewers, lakes or rivers.
LC 50-96 hour-first(mg/l) Undetermined
48 hour-EC50-Daphnia magna(mg/l): Undetermined
IC50 72 hAlgae (mg/l): Undetermined
COD value: Undetermined
BOD5 value: Undetermined

13. Disposal Considerations

Dispose material and container in accordance with state and local regulations regarding pollution.

14. Transport Information

This product is not classified as dangerous according to international transport regulations (ADR/RID, IMDG/IMO and ICAO/IATA). Product is to be transported in accordance with national, ADR/RID, IMDG/IMO and ICAO/IATA regulations.



MATERIAL SAFETY DATA SHEET

15. Regulatory Information

Risk Phrases:

R22 Harmful if swallowed.

Safety Phrases:

S2 Keep out of the reach of children.

S25 Avoid contact with eyes.

S29 Do not empty into drains.

S46 If swallowed, seek medical advice immediately and show this container or label.

16. Other Information

Information contained in this sheet is in accordance with directive 93/112/EEC and has been based on the information available at this time from approved sources. In case of unsuitable conditions arising due to conditions not mentioned above, we make no warranty and assume no liability in connection with any use of this information.

Full description of R-Phrases mentioned in Sections 2 and 3:

R22 Harmful if swallowed

About

Date issued: 14.01.2007

Date revised: 05.03.2014

Version: 3

Prepared by: Sehnaz ÜNSAL