

Diamond Gloss Top Coat MC3218A (HEMA TPO FREE) MSDS

1. Identification

Product Name:Diamond Gloss Top Coat MC3218A (HEMA TPO FREE)

Manufacturer: Guangzhou MCBL Cosmetic Factory

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Effective Date: July 3th of 2024

Emergency Call: 119

2. Hazard Identification

Label Elements: No specific hazard pictograms are required

Hazard Statements: May cause health damage upon skin contact. Prolonged or repeated exposure may lead to allergic reactions or skin irritation. Avoid prolonged skin contact.

Mild environmental impact. The product may have some harmful effects on aquatic organisms, and leakage into water sources should be avoided.

No combustion hazard, but be aware that harmful gases may be released at high temperatures (e.g., organic vapors).

3. Composition/Information on Ingredients

Main Components	INCI English Name	Content (%)	CAS No.	Purpose
ACRYLATES COPOLYMER	ACRYLATES COPOLYMERR	15	25035-69-2	Defoamer
ACRYLATES/VP COPOLYMER	ACRYLATES/VP COPOLYMER	45	26589-26-4	Adhesive
STYRENE/ACRYLATES COPOLYMER	STYRENE/ACRYLATES COPOLYMER	14	25034-86-0	Solvent
1-hydroxycyclohexyl phenyl ketone	1-hydroxycyclohexyl phenyl ketone	3	947-19-3	Photoinitiator
ISOBORNYL ACRYLATE	ISOBORNYL ACRYLATE	20	5888-33-5	Defoamer

ETHYL	ETHYL	3	84434-11-7	Photoinitiator
TRIMETHYLBENZOYL	TRIMETHYLBENZOYL			
PHENYLPHOSPHINATE	PHENYLPHOSPHINATE			

4. First-Aid Measures

Skin Contact: Remove contaminated clothing and wash skin with soap or water. If irritation or allergic reactions occur, seek medical attention immediately.

Eye Contact: Rinse eyes with plenty of water. If irritation persists, seek medical attention. Avoid rubbing eyes.

Ingestion: Seek immediate medical attention. Do not induce vomiting unless instructed by medical personnel. If the person is conscious, drink water or milk.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Water, sand.

Specific Hazards: No combustion hazard.

Protective Equipment: Use appropriate fire-fighting equipment to prevent exposure.

6. Accidental Release Measures

Small Leaks: Ensure ventilation, use sand for absorption and dispose of safely.

Large Leaks: Immediately notify the authorities, prevent leakage from entering the sewer system, and evacuate non-relevant personnel.

7. Handling and Storage

Handling: Ensure proper ventilation, operators must wear protective equipment. Smoking is prohibited.

Storage: Store in a cool, ventilated warehouse at 28°C. Keep away from heat sources and combustible materials.

8. Exposure Controls / Personal Protection

Engineering Controls: Ensure good ventilation.

Respiratory Protection: Wear protective mask.

Eye Protection: Wear safety goggles.

Body Protection: Wear cotton overalls.

Hand Protection: Wear PE film gloves or equivalent protective gloves.

9. Physical and Chemical Properties

Appearance: Clear liquid.

pH: 6-7

Relative Density: 0.9-1.1

Boiling Point: None

Viscosity at 25°C: 1800-2500 Pa.s

Solubility: Acrylic monomers immiscible.

10. Stability and Reactivity

Stability: Exposed to light and high temperatures can affect stability.

Avoid contact with strong acids, strong alkalis, and oxidizing agents.

11. Toxicological Information

This product is volatile, carcinogenic, and may cause skin and eye irritation upon prolonged exposure. Low toxicity, LD50 > 3000 mg/kg.

12. Ecological Information

Toxicity: No data available.

Persistence and Degradability: No data available.

13. Waste Disposal

Dispose of in accordance with local environmental regulations.

14. Transportation

No special transportation restrictions. Handle with care to prevent damage to containers.

15. Regulatory Information

This product complies with national regulations for chemical safety management.

16. Other Information

Creation date: Aug. 8, 2023

Revision date: Feb. 5, 2024

The information above is believed to be accurate and represents the best information currently available to us.

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