

Material Safety Data Sheet

1 . Chemical product and company identification

Product name: <u>Liquid Mirror</u>	Manufacturer : KOKO International Co. Ltd
Product No: <u>MH20215</u>	Address: TOUSINN BUILDING 6F, 5-15-18 GINZA, Chuo ku, Tokyo to, Japan
Product type: <u>Liquid</u>	Telephone: +81-362287793
Product Use: Nail Beauty	Fax: +81-362287794

2 . Ingredients

Chemical Components	CAS NO	INCI NO	Concentration WT%
ALCOHOL	64-17-5	ALCOHOL	64.24
PROPANEDIOL	504-63-2	PROPANEDIOL	13.2
CASTOR OIL/IPDI COPOLYMER	8001-79-4	CASTOR OIL/IPDI COPOLYMER	1.76
ACETONE	67-64-1	ACETONE	8.8
MICA(CI 77019)	12001-26-2	MICA(CI 77019)	12

3. Hazards identification

Emergency Overview

Physical state : Nail GEL

HEALTH: 1*

Color: colors

FLAMMABILITY: 2

Odor: Slight

PHYSICALHAZARD: 1

Personal Protection: See Section 8

WARNING: HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT SPRAY. DO NOT HEAT. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Skin contact: Contact skin will cause irritation.

Eye contact: Contact with eyes will cause irritation.

4 . First aid measures

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available) . Remove contaminated clothing

and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Get medical attention immediately

5 . Fire - fighting measures

Flash point:105°C

Autoignition temperature: Not available

Flammable/ Explosive limits- lower % : Not available

Flammable/ Explosive limits- upper % : Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self- contained breathing apparatus and full protective clothing, such as turn- out gear.

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors. Toxic fumes.

6. Accidental release measures

Environmental precautions: Remove sources of ignition. Prevent product from entering drains or open waters.

Clean- up methods: Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

7 . Handling and storage

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. DO NOT heat or spray. Use only with adequate ventilation. Refer to Section 8 . Use only in area provided with appropriate exhaust ventilation. **Storage:** For safe storage, store at or below 26 ° C (80 ° F) . Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible products: Refer to Section 10 .

8 . Exposure controls/personal protection

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Use COSHA approved respirator if there is potential to exceed exposure limit(s) . If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

Eye/ face protection: Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

9. Physical and chemical proper ties

Physical state : Collidod

Odor: Slight

pH: Not applicable

Melting point/range : Not available

Vapor density : Not available

Solubility in water : Slight

VOC content: Total volatiles 0.80 %

Color : Colors

Vapor pressure : Not available

Boiling point/range: Greater than 93°C (200°F)

Specific gravity: 1. 10

Evaporation rate: Not available

Partition coefficient (n-octanol/water): Not available

10 . Stability and reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous polymerization: May occur.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Dimethylamine.

Irritating organic vapors.

Incompatibility: Strong acids. Strong oxidizing agents. Bases.

Conditions to avoid: Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C) .

11 . Toxicological information

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
ALCOHOL	NO	NO	NO
PROPANEDIOL	NO	NO	NO
CASTOR OIL/IPDI COPOLYMER	NO	NO	NO
ACETONE	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/ Target Organs
ALCOHOL	No Records
PROPANEDIOL	No Records
CASTOR OIL/IPDI COPOLYMER	No Records
ACETONE	No Records

12 . Ecological information

Ecological information: Not available

13 . Disposal considerations

Information provided is for unused product only.

Recommended method of disposal : Dispose of according to P. R. C, province and local governmental regulations.

ECE hazardous waste number: Not a RCRA hazardous waste.

14 . Transport information

The shipping classifications in this section are for non- bulk packaging only (unless otherwise specified) .

Shipping classification may be different for bulk packaging.

P. R. C Department of Transportation Ground :

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

International Air Transportation (ICAO/ IATA) :

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

Water Transportation (IMO/ IMDG) :

Proper shipping name: Unrestricted

Hazard class or division: None

Identification number: None

Packing group: None

Marine pollutant: None

15 . Regulatory information

P. R. C Regulatory Information

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

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