

# Material Safety Data Sheet (MSDS)

## 1. Chemicals and Manufacturer Information

- A. Product Name : Pinkiss False Eyelash Glue
- B. General Chemical Property : ACRYLIC ESTER COPOLYMER
- C. Product Use : For Adhesion
- D. Manufacturer :
- E. Time of Revision: 0
- F. Last Modification: July 21, 2012
- G. Harmful Effect Classification : Environmentally Harzardous Article

## 2. Name of Ingredients and Content

Name of Chemical	CAS No.	Content(%)
Water	7732-18-5	45.00
2-Ethyl Hexyl Acrylate	103-11-7	26.10
Butyl Acrylate	141-32-2	17.80
Methyl Methacrylate	90-62-6	6.30
Propylene Glycol	57-55-6	3.30
Methylacrylate Acid	79-41-4	1.50

## 3. Risk and Harmful Effect

- A. Urgent risk, Harm information: No data
- B. Impact on eyes: likely to cause infection on eye muscous membrane upon contact
- C. Impact on skin: likely to cause infection upon a long-term contact with skin
- D. Impact of inhalation: harmful in case of a long-term inhalation
- E. Impact of intake: harmful in case of intake
- F. Chronic symptoms and impacts: No data

## 4. How to Take Emergency Measure

- A. Contact with skin: take off clothes and shoes polluted and wash off the regions contacted until no chemical remains with soap or soft detergent and much water.(for 15 to 20 min.)
- B. Contact with eyes: wash off with much water sufficiently turning over eyelashes until no chemical remains and wash (for15 to 20 min.)
- C. Inhalation: Move the patient to a place with fresh air immediately and keep him or her warm and relax. In case of no breathing or irregular breathing, try artificial respiration.
- D. Intake: If the patient is conscious or doesn't have spasm, induce vomitting with emetic and water. If breathing is restrained or the patient doesn't vomit, pump his or her stomach carefully, which should be carried out by qualified personnel.
- E. Caution for doctor: If symptom lasts or there is any doubt, take medical actions or have specialists diagnose it as soon as possibl  
Never provide any drink or food to person without conscousness.

## 5. How to Take Measure upon Explosion or Fire

- A. Flashing point: N/A(same as water)
- B. Spontaneous combustion point: N/A(same as water)
- C. Lowest/Highest limits of ignition: N/A (same as water)
- D. Classification by Fire Service Act: N/A (same as water)
- E. Fire extinguisher: water and various extinguishers
- F. Harmful materials upon combustion: No Data
- G. Fire extinguisher never to be used: No Data

## 6. How to Take Measure upon Leak Accident

A. Measures necessary to protect body

-> Put on appropriate personal protection outfits upon operation (See Clause 8)

B. Measures necessary to protect environment

-> Prevent from flowing into overflow or river, and in case of pollution of sewer, river or lake, immediately contact with the company handling this in the city and environment-related institutions.

C. How to purify or remove it

-> Absorb or control the leak with incombustible materials such as sand and soil, etc.

-> Clean with washing liquid.

-> Put container outside the building and treat it according to the method of abandonment. (See Clause 13)

-> Do not use water since it has strong dispersion force.

## 7. How to Handle and Store

A. Safe Handling Method: Do not have it contact with skin and eyes and handle wearing rubber gloves, mask and protection glasses.

B. Storing Method: Treat with the container not to be spilled and to be injured carefully.

Store it in a dry place with good ventilation, distant from direct ray of sunlight or pollution source.

Collect it tightly not to fall or scatter and store it on the concrete or solid ground without permeation and do not stack palettes more than 3 stairs.

Keep the container sealed tightly, and be careful when resealing the opened container, and keep the upright position to prevent leakage.

Since it contains much water, keep it at the temp. between 5°C and 35°C not to be frozen.

## 8. Exposure Prevention and Personal Protection Outfits

A. Technological management: Block air partially or ventilate properly.

B. Respiration organ protection: Should wear respiration protection outfits such as mask for organic gas and air inhaler.

C. Eye protection: Wear protection glasses to protect eyes from the scattering of liquid.

D. Hand protection: Should put on appropriate protection gloves when mixing or handling.

E. Body protection: Wear work outfits to protect arms, legs and body and do not expose skin.

F. Caution for hygiene: Install eye cleaning fountain equipment in a close place for emergency.

## 9. Physical and Chemical Properties

A. Appearance: Liquid (Milk-White Emulsion)

B. Odor: Characteristic

C. pH: 8.0 ~ 9.0

D. Dissolution rate: No Data

E. Boiling point/the range: 100°C (similar to that of water)

F. Melting point/the range: 0°C (similar to that of water)

G. Explosiveness: N/A (same as water)

H. Oxidization: N/A

I. Steam pressure: Approximately 23hPa at 20°C (similar to that of water)

J. Gravity: Approximately 1.05

K. Distribution coefficient: No Data

L. Steam density: Approximately over 1 (air - 1)

M. Viscosity: 300 ~ 700 cps

N. Molecular weight: 400,000 - 600,000

## 10. Stability and Responsiveness

A. Chemical stability: Stable if observing cautions for handling and storing

B. Condition and materials to avoid: Strong acidity, strong alkalinity and strong oxidizer

C. Harmful materials generated during dissolution: No Data

D. Possible harmful materials upon reaction: No Data

## 11. Toxicity Information

- A. Acute oral toxicity: No Data
- B. Acute inhalation toxicity: No Data
- C. Pseudo-acute toxicity: No Data
- D. Chronic toxicity: No Data
- E. Mutagenic toxicity: No Data
- F. Impact on next generation (procreation toxicity) : No Data
- G. Carcinogenic impact: No Data

## 12. Impact on Environment

- A. Harmful materials for environment: air, water quality, soil and ocean pollutions
- B. Aquatic and ecological toxicity: No Data
- C. Soil migration: No data
- D. Remaining and dissolution: Not fast biodegraded but main constituents are solidified and moisture evaporates and disappear; however, there are ingredients remaining and being accumulated in environment in some products.
- E. Possible accumulation in body of animals and plants: No Data

## 13. Caution for Abandonment

- A. Regulations under Waste Management Act: Should observe regulations of the government and local governments
- B. Abandonment method: Handle according to the standard of Environment Management Act
- C. Caution for Abandonment: Do not let it flow into sewer or river.

## 14. Information Needed for Transportation

- A. IATA (DGR) : Not-Regulated Material. No dangerous goods
- B. IMO (IMDG) : Not-Regulated Material.
- C. DOT (49CFR 172) : Not-Regulated Material.

## 15. Current State of Legal Regulations

- A. Regulation by Industrial Safety and Health Act: Article 41
- B. Harmful Chemical Management Act: No Provision
- C. Regulation by other Foreign Act: The U.S. TSCA

## 16. Other References

This MSDS has been prepared on the basis of Notification of the Ministry of Labor, No. 1996-12, Industrial Safety and Health Act, Fire-fighting Act and data held by our company(Domestic and Overseas MSDS) provided data from Korea Industrial Safety Corporation

References and Works Cited

- Standards for Preparation and Equipment of Material Safety and Health Data (Ministry of Labor, Notification No. 96-12)
- Guideline for Translation of Material Safety and Health Data (Korea Industrial Safety Corporation)
- Harmful material data sheet (Korea Toxic Material Management Association)
- Practice of Material Safety and Health Data Preparation (Ministry of Labor and Korea Industrial Safety Corporation)

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