

MATERIAL SAFETY DATA SHEET

ELASLON

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ELASLON**

CREATION DATE: March 22, 2006

REVISION DATE:

MSDS PREPARED BY: Manufacturing Technology Division, Safety Control Section, TOK

JAPAN

SUPPLIER: TOKYO OHKA KOGYO CO., LTD.

SECTION: Manufacturing Technology Division, Safety Control Section

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JAPAN

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USA

SUPPLIER: TOKYO OHKA KOGYO AMERICA, INC.

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+1-703-527-3887 (CHEMTREC for international)

2. COMPOSITION / INFORMATION ON INGREDIENTS

SIMPLE/MIXTURE: Mixture

CHEMICAL NAME (GENERIC NAME): None

SYNONYM (S): None

INGREDIENT AND COMPOSITION:

INGREDIENTS (Photosensitive resin layer)	wt%	CHEMICAL FORMULA	CAS NO.
Styrene-butadieneblock polymer	55~60	Trade Secret	Trade Secret
Polybutadiene	30~40	Trade Secret	Trade Secret
Acrylates	5~10	Trade Secret	Trade Secret

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT:

Prolong contact to plate may cause irritation and skin rash to acrylate sensitive person.

EYE CONTACT:

Direct or indirect eye contact with product may cause eye irritation.

4. FIRST AID MEASURES

SKIN CONTACT:

Wash the affected part with plenty of running water and mild soap.

If irritation continues, immediately take the patient to a physician for examination and treatment.

EYE CONTACT:

Immediately rinse the eyes with running water to wash off the chemical completely.

Immediately take the patient to a physician for examination and treatment.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

MATERIAL	FLASH POINT	IGNITON POINT	EXPLOSION LIMIT
Product	Not Available	Not Available	Not Available

EXTINGUISHING MEDIA:

Proper extinguishing media should be used when fire breaks out in surroundings.

FIRE FIGHTING INSTRUCTIONS:

Quickly move all the movable containers from the fire area to safe area.

Fire fighters should wear proper protective clothings.

6. ACCIDENTAL RELEASE MEASURES

Collect spilled material in appropriate container for disposal.

7. HANDLING AND STORAGE

HANDLING:

Be careful in handling the container, and protect it from damages.

Wear proper protective clothings because printing materials are sharp.

Avoid contact with oxidizing agents or reductants.

Do not expose to UV light. Use under tungsten or yellow light.

Avoid putting something on products, or pressing hand when cut them.

Water facility should be installed at every place where the solution is used. It should facilitate measures in case of adhesion or contact with eyes.

Do not bring contaminated protective tools, such as gloves, to the lounges.

Be careful of personal health after handling.

STORAGE:

Avoid the direct rays of the sun. Preserve in a cool and dark place.

Do not stand products against the wall.

Keep away all sources of ignition.

Do not heat.

OTHERS:

Follow all national and local regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

When handling, try to use closed apparatuses, equipment or partial ventilator.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTOR: Chemical goggles.

HAND, SKIN AND BODY PROTECTOR: Gloves shoes and clothing to cover the whole body.

EXPOSURE GUIDELINES:

INGREDIENTS	ACGIH TLV	OSHA PEL
Product	None established	None established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid

ODOR: Not available

SPECIFIC GRAVITY: Not available

BOILING POINT: Not available

SOLIDIFYING POINT: Not available

RELATIVE VAPOR DENSITY: Not available

SOLUBILITY IN WATER: Insoluble

VAPOR PRESSURE: Not available

pH: Not available

10. STABILITY AND REACTIVITY

STABILITY: Reactive to UV light. Use under tungsten or yellow light.

CONDITION TO AVOID:

Avoid the direct rays of the sun. Preserve in a cool and dark place.

Keep away all sources of ignition.

Do not heat.

MATERIALS TO AVOID: Oxidizing agents and reductants.

HAZARDOUS DECOMPOSITION PRODUCTS: Emit carbon monoxide when burned with insufficient oxygen.

HAZARDOUS POLYMERIZATION: Will not polymerize.

11. TOXICOLOGICAL INFORMATION

No relevant information found.

12. ECOLOGICAL INFORMATION

No relevant information found.

13. DISPOSAL CONSIDERATIONS

All excess material must be collected and transferred to a professional waste disposal company.
Carefully review information in - **7.HANDLING & STORAGE**.
Comply with all national and local regulations.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT):

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not regulated

IDENTIFICATION NUMBER: Not regulated

PACKING GROUP: Not regulated

Keep away from incompatibilities and all sources of ignition.

Follow all national and local regulations.

15. REGULATORY INFORMATION

U.S. REGULATION:

TSCA (Toxic Substances Control Act):

This product is "article" as defined in 29 CFR 1910.1200(c).

16. OTHER INFORMATION

MSDS STATUS:

Newly prepared.

REFERENCE:

1. HSDB
2. RTECS
3. The Dictionary of Substance and Their Effects (The Royal Society of Chemistry)
4. Material Safety Data Sheet (of the raw material manufacturer)

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