



SERIPRINTING

SE-168

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product:

Name SE-168
MSDS SERIPRINTING

Company:

Name SERIPRINTING TRADING COMPANY
Address KOBAYASHIBLDG.#403KINSHI2-18-9,SUMIDAKU TOKYO 150-0013
JAPAN
TAIWAN-P.H. 002-86-4-24267966
Fax 002-86-4-24267977

2. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical characterization:

Mixture	Solid Contents(%)
Poly(vinyl alcohol) with pendent styryl pyridinium group	} 30-35%
Polyvinylacetate emulsion	
Acrylate monomer	
Water	65-70%

Hazardous substances present:

Di-n-butyl phthalate Concentration between 0.1% and 2.0%

Vinyl acetate Concentration below 0.1%

3. HAZARDS IDENTIFICATION

This product is classed : not applicable

Possibility of irritation to the eyes and the skin.

4. FIRST-AID MEASURES

Eye contact ;

Gently rinse the affected eyes with clean water.

And refer for medical attention.

Skin contact ;



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Wash well with soap and water. If irritation occurs, seek medical attention.

Inhalation ;

Remove the victim from the contamination immediately to fresh air. Seek medical aid if irritation persists or if breathing becomes difficult.

Ingestion ;

Rinse mouth with water. Give the person one or two glasses of water, try to get the victim to vomit by having the victim touch the back of throat with a finger.

Do not make an unconscious person anything to drink.

5.FIRE-FIGHTING MEASURES

Extinguishing media ;

Water spray, foam, dry, chemical powder or carbon dioxide.

6.ACCIDENTAL RELEASE MEASURES

Personal precaution ;

Ventilate area after material pick up is complete.

Avoid any contact with the skin and eyes.

Avoid inhaling the fumes.

Consult the safety measures listed under heading 7 and 8.

Environmental precaution ;

Spills should be taken up with suitable absorbent and placed in containers.

Prevent any material from entering drains or waterways.

Use drums to dispose of recovered in accordance with applicable regulations (see heading 13).

Methods for cleaning up ;

Spill area can be washed with water.

Collect wash water for approved disposal.

7.HANDLING AND STORAGE

The regulation relating to storage premises apply to workshop where the product is handled.

Handling:

Product contains low level of organic volatile which could accumulate in the unventilated head space of drums or bulk storage vessels.

Open drums in well ventilated area.

Avoid breathing vapor.



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Avoid contact with skin or eyes.

Practice good personal hygiene after this material, especially before eating, drinking, smoking or using the toilet.

Storage ;

Store in tightly closed and away from high temperature, sunlight.

8.EXPOSURE CONTROLS / PERSONAL PROTECTION ENGINEERING MEASURES

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction. If this ventilation is insufficient to maintain the concentration of organic volatile fumes below the exposure limit, wear breathing apparatus.

Control parameters

Di-n-butyl phthalate	5 mg/m ³ (ACGIH TWA)
Vinyl acetate	10ppm(ACGIH TWA)
	15ppm(ACGIH STEL)

Personal protective equipment ;

Respiratory protection

Industrial canister gas masks.

Hand protection

Rubber glove.

Eye and face protection

Avoid contact with eyes wear safety goggles.

Skin protection

Wear protective clothing to minimize the potential for skin contact.

9.PHYSICAL PROPERTIES

Appearances	aqueous emulsion
Color	red(white)
Odor	faint vinyl acetate odor
pH	4.0-6.0
Density	about 1.1 g/cm ³
Viscosity	9,000-13,000 mPa.s
Solubility in water	dispersible, soluble
Flash point	over 100



Explosion properties not applicable

10. STABILITY AND REACTIVITY

This product is considered a stable material under normal and anticipated storage and handling condition. When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide, carbon dioxide, sulfur oxides and nitrogen oxide.

11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

The product may contain small amount of residual vinyl acetate. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600ppm over a lifetime; 200ppm caused irritation; 50ppm produced no observable effect.

12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drain or waterways.

13. DISPOSAL CONSIDERATIONS

Do not pour drains or waterways.

Waste disposal should be in accordance with existing federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID	Class:	Number:	Code:	Identify:	Label:
IMDG	Page:	Class:	Number:	Label:	Identify
ICAO/IATA	Class:	Label:	Number:	Note:	

15. REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 88/349/EEC and its adaptations.

In addition directive 91/632/EEC with the 15 adaptation of directive



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67/548/EEC(Hazardous substances) have been taken into account.

Preparation classification:

Contains

Particular hazard associated with the preparations safety recommendation;

Particular provisions:

16.OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is all times the responsibility of the use to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.