



MURAKAMI CO.,LTD.

MATERIAL SAFETY DATA SHEET

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Product Name: SP-TEXTILE

MSDS No. SDSE-171-2

Revised: 30/December/2008

1. Identification of substance

Product details:

Trade Name SP-TEXTILE
MSDS No. SDSE-171-2
Application of the preparation Photopolymer of screen printing

Manufacturer:

Name MURAKAMI CO.,LTD.
Address 5-3-10 Yokokawa, Sumida-ku, Tokyo 130-0003, Japan
Telephone (+81) 33624-8521
Fax (+81) 33624-8522

2. Composition / Data on components

Composition:

Water
Water based emulsion
Acrylate monomer
Poly (vinyl alcohol)

Hazardous substances present:

Chemical name	CAS No.	EC No.	Symbol	Risk Phrase	wt%
acrylate monomer	Listed	Listed	Xi	R36/38,43	05 - 15

3. Hazards identification

Hazard description:

 Xi Irritant

Risk Phrase:

R43 May cause sensitization by skin contact.

4. First aid measures

After inhalation:

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

After skin contact:

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

After eye contact:

Gently rinse the affected eyes with clean water.
Don't rub and don't close the affected eyes firmly.
If irritation occurs, seek medical attention.

After swallowing:

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.

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5. Fire-fighting measures

Not classified as flammable.

Suitable extinguishing agents:

Water, foam, dry chemical powder or carbon dioxide.

Protective equipment:

Use self-contained breathing apparatus and protective clothing.

6. Accidental release measures

Personal-related safety precautions:

Avoid contact with skin and eyes.

Avoid inhaling the fumes.

Consult the safety measures listed under section 7 and 8.

Measures for environmental protection:

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).

Measures for cleaning / collecting:

Spills areas can be washed by water.

Collect wash water for approved disposal.

7. Handling & storage

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

Handling:

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

Open drums in well ventilated area.

Avoid breathing vapour.

Avoid contact with skin and eyes.

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

Storage:

Keep container tightly closed in a well-ventilated, cool, dark place.

Keep away from heat, sunlight [Ultra Violet-light].

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8. Exposure controls and personal protection

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.

Personal protective equipment:

Respiratory protection;

No special measures required.

Protection of hands;

Protective gloves.

Eye protection;

Avoid contact with eyes. Wear safety glasses

Skin protection;

No special measures required.

Wear protective clothing to minimize the potential for skin contact.

9. Physical and chemical properties

General Information	
Appearance:	aqueous emulsion
Colour:	blue
Odour:	mild
Solubility in water	dispersible, soluble
Flash point:	over 100°C
pH	4.0 - 6.0
Viscosity (25°C):	9,000-15,000mPa·s
Density:	about 1.1 g/cm ³

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, sulphur oxides, and nitrogen oxide.

11. Toxicological information

Toxicological Information of Product:

No data is available regarding the preparation itself.

Toxicological Information of Chemical component:

Acrylate monomer;

Acrylate monomer may cause sensitisation by skin.

12. Ecological information

No ecological data on the product itself is available.

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

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13. Disposal consideration

Do not pour drains or waterways.

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

14. Transport information

Land transport ADR / RID: Not applicable

Maritime transport IMDG : Not applicable

Air transport ICAO and IATA : Not applicable

15. Regulatory information**Regulatory EU Law:**

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations.

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

Hazard description;

Xi Irritant.

Risk Phrase;

R43 May cause sensitization by skin contact.

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 at all times the responsibility of the user 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.

Full text of hazard description and risk phases appearing in section 2:**Hazard description;**

Xi Irritant.

Risk Phrase;

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.
