

# SAFETY DATA SHEET

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DATE PREPARED: 17/Dec/2010

REF: E-051-02

Product name: Matsumin Under Coat Binder 301

## 1. Identification of the substance/preparation and of the company/undertaking

Product name: Matsumin Under Coat Binder 301

Supplier: Matsui Shikiso Chemical Co., Ltd.  
64, Kamikazan Sakuradani-cho, Yamashina-ku, Kyoto, 607-8466, JAPAN

Telephone number: +81 (75) 594 5612

## 2. Composition/information on ingredients

Identification of the preparation

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EU No.</u>	<u>Weight %</u>
Resin	registered	polymer	approx. 30
Solvent naphtha (petroleum), medium aliph.	64742-88-7	265-191-7	approx. 9
Water and other non-hazardous ingredients	—	—	the rest

## 3. Hazards identification

Classification: None

Human health effects: Exposure to high concentration of vapour may cause nausea, headache, and dizziness. A rash may be seen through prolonged contact or on people with sensitive skin.

Safety hazards: None.

## 4. First-aid measures

Inhalation: Remove to fresh air and lie quiet. If needed, get medical attention.

Skin contact: Wash with mild soap and water.

Eye contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention as needed.

Ingestion: Do not induce vomiting. If mouth is contaminated, rinse thoroughly with water. Get a medical attention.

## 5. Fire-fighting measures

Suitable extinguishing media: In case of combustion, use water, dry chemical, or CO<sub>2</sub> gas.  
(This product is not combustible under normal condition due to its aqueous property.)

Special protective equipment for fire-fighters: In case of fire, wear respirator.

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## 6. Accidental release measures

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- Personal precautions: Wear suitable personal protective equipment as needed.
- Environmental precautions: Dike with sandbags to prevent contaminating soil, or entering sewers or bodies of water. If material is released to water supply, drains or vegetation, advise local authority.
- Methods for cleaning up: For small spill, absorb with dry sand, soil, saw dust or rag. Collect into container for disposal and wipe the remaining up with rag.  
For large spill, dike with soil, blankets or sandbags to prevent from entering public waters, and collect into container with shovel or vacuum.

## 7. Handling and storage

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- Handling: Wear suitable protective equipment and clothing as needed to prevent the material from contacting skin and eyes. Use in well-ventilated area.  
Minimize vapour generation and avoid breathing vapour.
- Storage: Store in a cool and dark place away from direct sunlight. Avoid freezing.  
Ventilate well to prevent vapours from setting in low areas.

## 8. Exposure controls/personal protection

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- Exposure limit values: Not established.
- Engineering measures: Local exhaust ventilation or general ventilation is necessary during indoor operation, especially when vapours or mists can be released in excess of established airborne exposure limits.
- Personal protection equipment:
- Respiratory protection: In an ill-ventilated area, wear chemical-cartridge respirator for organic gas, supplied-air respirator or self-contained breathing apparatus.
  - Hand protection: Rubber or plastic gloves.
  - Eye protection: Safety glasses or chemical goggles.
  - Skin and body protection: Long pants, long sleeves, and/or boots when applicable.
- Hygiene measures: Nothing in particular.

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## 9. Physical and chemical properties

Form:	Paste.
Colour:	Black.
Odour:	Acrylic odour.
pH:	$8.0 \pm 0.5$
Boiling point:	No data available.
Flash point:	No data available.
Vapour pressure:	No data available.
Aqueous solubility:	Miscible.
Viscosity:	No data available.
Vapour density:	No data available.
Specific gravity (H <sub>2</sub> O = 1):	$1.00 \pm 0.05$

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## 10. Stability and reactivity

Stability:	Stable under normal handling and using condition.
Conditions to avoid:	None.
Materials to avoid:	None.
Hazardous decomposition products:	None.

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## 11. Toxicological information

Acute toxicity:	No data available.
Local effects:	No data available.

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## 12. Ecological information

Ecotoxicity:	No data available.
Mobility:	No data available.
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.

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## 13. Disposal considerations

Waste from residues / unused products:	Dispose in accordance with local, national, and EU regulations.
Contaminated Packaging:	Dispose in accordance with local, national, and EU regulations.

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## 14. Transport information

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UN No.: Not applicable.

UN Class: Not applicable.

Note: Comply with local, national, and EU regulations.  
Not classified as dangerous in the meaning of transport regulations according to IATA and ICAO.

## 15. Regulatory information

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Classification: None.

Danger symbol(s): None.

Risk Phrases: None required.

Safety Phrases: None required.

## 16. Other information

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Product description: Water based binder of resin.

Recommended use: Printing for paper, textile, wood, and film.

The information set forth herein is to the best knowledge and belief of MATSUI SHIKISO CHEMICAL CO., LTD. If not employed as directed, we do not guarantee that the hazard precautions or procedures mentioned above are the only ones which exist and we do not assume responsibility in case of unusual use of this product.