

## SAFETY DATA SHEET

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## 1. Identification of the product and of the company

\* Product name Wood Atelier Solid Color Denim Blue

\* Reference number 28707

\* Manufacturer Washin Paint Co., Ltd.

\* Address 2100-18, Kamiyoshiba, Satte-shi, Saitama 340-0121, Japan

\* Phone No. 0480-48-2021

\* FAX No. 0480-48-2024

\* Emergency contact 0480-48-2021

\* Product type Acrylic resin paint (paste)

\* Principal use Wood paint

## 2. Hazards identification

[ Classification ]

| Hazards   | Category  | Signal word |
|---|---|-------------|
|   | Hazard statement  |             |
| Flammable liquids                                   | Not classified  |             |
| Acute toxicity (Oral)                               | Not classified  |             |
| Acute toxicity (Dermal)                             | Not classified  |             |
| Acute toxicity (Gases)                              | Not classified  |             |
| Acute toxicity (Vapors)                             | Not classified  |             |
| Acute toxicity (Mists)                              | Not classified  |             |
| Skin corrosion/irritation                           | Classification not possible                                       |             |
| Serious eye damage/eye irritation                   | Classification not possible                                       |             |
| Respiratory sensitization                           | Classification not possible                                       |             |
| Skin sensitization                                  | Classification not possible                                       |             |
| Germ cell mutagenicity                              | Classification not possible                                       |             |
| Carcinogenicity                                     | Classification not possible                                       |             |
| Reproductive toxicity                               | Category 1  | Danger      |
|   | May damage fertility or the unborn child                          |             |
| Specific target organ toxicity<br>Single exposure   | Category 2  | Warning     |
|   | May cause damage to organs  |             |
| Specific target organ toxicity<br>Repeated exposure | Category 2  | Warning     |
|   | May cause damage to organs through prolonged or repeated exposure |             |
| Aspiration hazard                                   | Not classified  |             |
| Hazardous to aquatic environment<br>Acute           | Not classified  |             |
| Hazardous to aquatic environment<br>Chronic         | Classification not possible                                       |             |
| Hazardous to the ozone layer                        | Classification not possible                                       |             |

\* If the signal word "Danger" applies, the signal word "Warning" should not appear.

\* For the details with "Specific target organ toxicity", refer to "11. Toxicological information".

## [ Symbol ]

Health hazard



## [ Precautionary statement ]

## ( Prevention )

- \* Obtain and understand special instructions before use.
- \* Do not eat, drink or smoke when using this product.
- \* Wear protective gloves and eye/face protection when it needs.
- \* Wash hands thoroughly and gargle after handling.

## ( Response )

- \* In case of fire, use CO2/powder/foams for extinction.
- \* If in eyes: Rinse cautiously with water, get medical advice/attention.
- \* If on skin or clothing: Wash with plenty of soap and water. Take off contaminated clothing and exchange it.
- \* If skin irritation occurs: Get medical advice/attention.
- \* If exposed or concerned of exposure: Get medical advice/attention.

## ( Storage )

- \* Store container in the place which well-ventilated and cool.

## ( Disposal )

- \* Do not dispose contents/container to the river and the sewage.
- \* Dispose of contents/container in accordance with local/regional/national regulation.

## 3. Composition/information on ingredients

Property Mixture

Product type Acrylic resin paint (paste)

| Ingredient name                        | Weight (%) | CAS No.    | Chemical formula                               | Duty of notify |
|--|------------|------------|--|----------------|
| water                                  | 60~70      | 7732-18-5  | H <sub>2</sub> O                               | —              |
| resin                                  | 20~30      | —          | —  | —              |
| propylene glycol                       | 5~10       | 57-55-6    | C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>   | ○              |
| additive                               | 1~5        | —          | —  | —              |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | 1~5        | 29911-28-2 | C <sub>10</sub> H <sub>22</sub> O <sub>3</sub> | ○              |
| copper compounds                       | 1~5        | —          | —  | ○              |
| N-methyl-2-pyrrolidone                 | 1          | 872-50-4   | C <sub>5</sub> H <sub>9</sub> NO               | ○              |
| carbon black                           | 0~1        | 1333-86-4  | C  | ○              |
| pigment                                | 0~1        | —          | —  | —              |
|  |            |            |  |                |

## 4. First-aid measures

## ( If swallowed )

- \* Do not induce vomiting. Keep at rest and get medical attention immediately.
- \* Do not swallow vomit.

## ( If inhaled )

- \* Remove to fresh air and keep at rest in a position comfortable for breathing.
- Get medical advice/attention if you feel unwell.

## ( If on skin )

- \* Wipe off quickly with cloth and wash with plenty of water and soap.
- Do not use solvents or thinners.
- \* If skin irritation or pain occurs, get medical advice/attention.

## ( If in eyes )

- \* Wash with plenty of clean water for at least 15 minutes immediately, including behind the eyelids.
- \* Get medical attention as soon as possible.

## 5. Fire-fighting measures

( Suitable extinguishing media )

\* Water ( ○ ), CO2 ( ○ ), Foam ( ○ ), Powder ( ○ ), Dry sand ( ○ ), Other (   )

( Specific hazards arising from the product )

\* This product itself is non-flammable, but the dry product after the water has evaporated is flammable.

\* Will form toxic carbon monoxides upon combustion.

( Specific extinguishing method )

\* Inform fire station of the location and the hazardous/toxicological information of fire.

\* Prevent spills from entering sewers, watercourses.

\* Wear respiratory protection and protective gloves.

\* Remove quickly all flammable materials from the area.

\* Use the suitable extinguishing medias.

\* Do fire fighting from the windward.

( Special protective equipment and precautions for fire-fighters )

\* Wear respiratory protective equipment/chemical protective clothing/gloves/boots/glasses/masks as necessary.

## 6. Accidental release measures

( Personal precautions, protective equipment and emergency procedures )

\* Wear protective equipment (gloves, protective mask, apron, goggles, etc.).

( Environmental precautions )

\* Prevent spills from entering sewers, watercourses.

\* If contamination of sewer pipes or waterways occurs, notify appropriate authorities.

( Methods and materials for containment and cleaning up )

\* Collect spills in sealable containers and move to a safe place.

\* Absorb spills with inert material (dry sand, earth, et al).

\* Water spray mist may be used to absorb the diffusion of Vapors.

\* Dispose of waste in accordance with applicable laws and regulations.

## 7. Handling and storage

( Handling: Technical measure )

\* Handle in accordance with relevant laws and regulations (the Industrial Safety and Health Act and the Fire Service Act, etc.).

\* Follow the correct work procedures, ventilate well and keep the working environment below TLV.

\* After handling, always wash with soap and water. Launder work clothing separately from other clothing.

( Handling: Notice )

\* Avoid contact with strong oxidizing agent.

\* Take caution as heat, acidic and alkaline substances may induce a reaction.

\* Use containers that are not damaged, corroded or cracked.

\* Used containers should be collected in the designated area.

( Storage )

\* Store in a cool, well-ventilated place in a tightly closed container.

## 8. Exposure controls/personal protection

Standard control concentration, threshold limit value etc.

( Control parameters e.g. occupational exposure limit values or biological limit values )

| Ingredient name                        | Standard control concentration | Threshold limit value | ACGIH ( TLV ) | PRTR        | Skin harmful substances |            |
|--|--------------------------------|-----------------------|---------------|-------------|-------------------------|------------|
|  |                                |                       |               |             | Irritation              | Absorption |
| water                                  | —                              | —                     | —             | —           | —                       | —          |
| resin                                  | —                              | —                     | —             | —           | —                       | —          |
| propylene glycol                       | —                              | —                     | —             | —           | —                       | —          |
| additive                               | —                              | —                     | —             | —           | —                       | —          |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | —                              | —                     | —             | —           | —                       | —          |
| copper compounds                       | —                              | —                     | —             | —           | —                       | —          |
| N-methyl-2-pyrrolidone                 | —                              | 1ppm                  | —             | Class 1-489 | —                       | ○          |
| carbon black                           | —                              | 1mg/m3                | 3mg/m3        | —           | —                       | —          |
| pigment                                | —                              | —                     | —             | —           | —                       | —          |
|  |                                |                       |               |             |                         |            |

( Equipment measure )

\* Install safety showers, hand- and face-washing facilities near handling areas and clearly indicate their locations.

\* Post signs such as "NO UNAUTHORIZED ENTRY" in easily visible locations.

## ( Protection measure )

- \* Wear the following protective equipment as necessary:  
Air supply masks, air SCBA, oxygen SCBA, gas masks, protective goggles,  
impermeable protective gloves, protective boots, protective clothing
- \* Check protective equipment regularly using a checklist.
- \* Do not eat, drink, or smoke while handling.
- \* After handling, wash hands with soap before eating, drinking, or smoking.
- \* If you experience asthma symptoms while using this product,  
do not come into contact with it again as it may cause the same symptoms.
- \* Contact lenses pose a special hazard.  
Soft lenses should not be used because they can absorb irritants and concentrate them.
- \* Wear impermeable chemical protective gloves and antistatic safety shoes.

## 9. Physical and chemical properties

( Physical state: Paste )

|              |                               |         |                  |
|--------------|-------------------------------|---------|------------------|
| Liquid color | Indicated in the product name | Density | 1.07 g/mL (25°C) |
| Odor         | Slight resin Odor             | pH      | 7 – 9            |

## 10. Stability and reactivity

( Chemical stability )

- \* Stable under normal storage/handling conditions.

( Possibility of hazardous reactions )

- \* Reacts with oxidizing agents.
- \* No other reactions were informed.

( Conditions to avoid )

- \* Avoid heat and sources of ignition (flames, sparks, etc.).
- \* Organic solvent vapors
- \* Heat, light, metal powders and peroxides

## 11. Toxicological information

| Ingredient name                        | Acute toxicity              |                             |                |                             |
|--|-----------------------------|-----------------------------|----------------|-----------------------------|
|  | Oral                        | Dermal                      | Gases          | Vapors                      |
| water                                  | Not classified              | Not classified              | Not classified | Not classified              |
| resin                                  | Not classified              | Not classified              | Not classified | Not classified              |
| propylene glycol                       | Not classified              | Not classified              | Not classified | Classification not possible |
| additive                               | Classification not possible | Classification not possible | Not classified | Classification not possible |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | Not classified              | Not classified              | Not classified | Classification not possible |
| copper compounds                       | Not classified              | Classification not possible | Not classified | Classification not possible |
| N-methyl-2-pyrrolidone                 | Not classified              | Not classified              | Not classified | Classification not possible |
| carbon black                           | Not classified              | Classification not possible | Not classified | Classification not possible |
| pigment                                | Classification not possible | Classification not possible | Not classified | Classification not possible |
|  |                             |                             |                |                             |

| Ingredient name                        | Acute toxicity              | Skin corrosion/<br>irritation | Serious eye damage/<br>eye irritation | Respiratory<br>sensitization |
|--|-----------------------------|-------------------------------|---------------------------------------|------------------------------|
|  | Mists                       |                               |                                       |                              |
| water                                  | Not classified              | Not classified                | Not classified                        | Not classified               |
| resin                                  | Not classified              | Not classified                | Not classified                        | Not classified               |
| propylene glycol                       | Classification not possible | Not classified                | Not classified                        | Classification not possible  |
| additive                               | Classification not possible | Classification not possible   | Classification not possible           | Classification not possible  |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | Classification not possible | Not classified                | Not classified                        | Classification not possible  |
| copper compounds                       | Classification not possible | Classification not possible   | Classification not possible           | Classification not possible  |
| N-methyl-2-pyrrolidone                 | Not classified              | Category 2                    | Category 2A                           | Classification not possible  |
| carbon black                           | Classification not possible | Not classified                | Not classified                        | Classification not possible  |
| pigment                                | Classification not possible | Classification not possible   | Classification not possible           | Classification not possible  |
|  |                             |                               |                                       |                              |

| Ingredient name                        | Skin sensitization          | Germ cell mutagenicity      | Carcinogenicity             | Reproductive toxicity       |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| water                                  | Not classified              | Not classified              | Not classified              | Not classified              |
| resin                                  | Not classified              | Not classified              | Not classified              | Not classified              |
| propylene glycol                       | Not classified              | Classification not possible | Classification not possible | Classification not possible |
| additive                               | Classification not possible | Classification not possible | Classification not possible | Classification not possible |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | Not classified              | Classification not possible | Classification not possible | Classification not possible |
| copper compounds                       | Classification not possible | Classification not possible | Classification not possible | Classification not possible |
| N-methyl-2-pyrrolidone                 | Classification not possible | Not classified              | Classification not possible | Category 1B                 |
| carbon black                           | Classification not possible | Classification not possible | Category 2                  | Classification not possible |
| pigment                                | Classification not possible | Classification not possible | Classification not possible | Classification not possible |
|  |                             |                             |                             |                             |

| Ingredient name                        | Specific target organ toxicity |                             | Aspiration hazard           |
|--|--------------------------------|-----------------------------|-----------------------------|
|  | Single exposure                | Repeated exposure           |                             |
| water                                  | Not classified                 | Not classified              | Not classified              |
| resin                                  | Not classified                 | Not classified              | Not classified              |
| propylene glycol                       | Category 1, 3                  | Category 1, 3               | Classification not possible |
| additive                               | Classification not possible    | Classification not possible | Classification not possible |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | Classification not possible    | Category 2                  | Classification not possible |
| copper compounds                       | Classification not possible    | Classification not possible | Classification not possible |
| N-methyl-2-pyrrolidone                 | Category 3                     | Category 2                  | Classification not possible |
| carbon black                           | Classification not possible    | Classification not possible | Classification not possible |
| pigment                                | Classification not possible    | Classification not possible | Classification not possible |
|  |                                |                             |                             |

\* This information is specific to the chemical substance and is not dependent on the concentration.

## 12. Ecological information

| Ingredient name                        | Hazardous to aquatic environment |                             |                             |
|--|----------------------------------|-----------------------------|-----------------------------|
|  | Acute                            | Chronic                     | Ozone layer                 |
| water                                  | Not classified                   | Not classified              | Classification not possible |
| resin                                  | Not classified                   | Not classified              | Classification not possible |
| propylene glycol                       | Not classified                   | Not classified              | Classification not possible |
| additive                               | Classification not possible      | Classification not possible | Classification not possible |
| 1-(2-butoxy-1-methylethoxy)propan-2-ol | Not classified                   | Not classified              | Classification not possible |
| copper compounds                       | Classification not possible      | Classification not possible | Classification not possible |
| N-methyl-2-pyrrolidone                 | Not classified                   | Not classified              | Classification not possible |
| carbon black                           | Not classified                   | Classification not possible | Classification not possible |
| pigment                                | Classification not possible      | Classification not possible | Classification not possible |
|  |                                  |                             |                             |

\* This information is specific to the chemical substance and is not dependent on the concentration.

- |                                 |   |
|---------------------------------|---|
| * Persistence and degradability | There is no data available for the mixture. |
| * Bioaccumulative potential     | There is no data available for the mixture. |
| * Mobility in soil              | There is no data available for the mixture. |

## 13. Disposal considerations

- \* When disposing of this product, ask an industrial waste disposal company to handle the disposal.
- \* Dispose of container after using the contents completely.
- \* Dispose of the contents/container in accordance with local/national regulations.

## 14. Transport information

( National regulations )

- \* There are no specific regulations.

( International regulations )

- \* UN number None
- \* UN classification Not considered a dangerous goods according to the definition of the UN recommendations.

( Special precautions )

- \* When transporting by vehicle, etc., carry the transportation precautions and Yellow Card.
- \* Check the container is tightly sealed and there are no leaks before transport.
- \* To prevent containers from being damaged, secure them tightly and use cushioning material if necessary.

## 15. Regulatory information

- \* Industrial Safety and Health Act

|   |                |
|---|----------------|
| Dangerous goods   | Not applicable |
| Ordinance on Prevention of Organic Solvent Poisoning                    | Not applicable |
| Ordinance on Prevention of Lead Poisoning                               | Not applicable |
| Ordinance on Prevention of Hazards Due to Specified Chemical Substances | Not applicable |
| Skin irritant harmful substances  | Not applicable |
| Skin absorbable harmful substances                                      | Not applicable |

- \* Pollutant Release and Transfer Register Law Listed
- \* Poisonous and Deleterious Substances Control Act Not applicable
- \* Fire Service Act Not applicable
- \* Ship Safety Act Not applicable
- \* Offensive Odor Control Law Not listed

## 16. Other information

( Main references )

- \* Data published by the National Institute of Technology and Evaluation
- \* Japan Paint Manufacturers Association,
  - "Raw Materials Database"
  - "GHS-compliant SDS/Label Creation Guidebook [Mixtures (for paints)]"
  - "Model MSDS/Model Label Examples [Mixtures (for paints)]"
- \* Japan Industrial Safety and Health Association,
  - "GHS-compliant Training Text for Creating MSDS of Mixtures (chemicals)"
- \* The Society of Synthetic Organic Chemistry, Japan, "New Edition Solvent Pocket Book"
- \* "Disaster Prevention and First Aid Handbook"
- \* International Chemical Safety Cards (ICSC)
- \* SDS of raw materials

( Notice )

- \* This data sheet is based on our current knowledge and is intended as a description of health, safety and environmental information.
- \* We do not guarantee any content, physical or chemical properties, hazards, etc.
- \* When using, ensure safe handling conditions.
- \* All chemical products may have unknown hazards and harmful effects, so they must be handled with the utmost care.
- \* The scope of application of this data sheet is limited to Japan.