

VT-500 Epoxy Mortar Part A Safety Data Sheet According to ICOP 2014

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Revision date:

Supersedes:

Version: 1.0

| Name : VT-500 Epoxy Mortar Part A 1.2. Other means of identification 1.3. Recommende use of the chemical and restrictions on use No additional information available Image: Chemical and restrictions on use 1.4. Supplier's details Wandfecture Visit Technical Son. Buch. Visit Technical Son. Buch. Signa Mortar Songer Malaysia. Visit Technical Son. Buch. Signa Mortar Songer Malaysia. Visit Technical Son. Buch. Signa Mortar Songer Malaysia. Visit Technical Songer Malaysia. Signa Mortar Songer Malaysia. Visit Technical Com Image: Signa Mortar Songer Malaysia. Visit Technical Com Hass Visit Technical Com Hass Classification of the hazardous chemical Lassification and hazard communication (2014) Sins Borts. Hass Sins Borts. Hass Label Jeanset Hass Signa Mort (GHS MY) : Waning Label Jeanset Hass Signa Mort (GH | SECTION 1: Identification of the h | nazardous chemical and of the supplier |
|--|---|--|
| 1.2. Other means of identification Vo additional information available 1.3. Recommended use of the chemical and restrictions on use Vo additional information available 1.4. Supplier's details Wandacture Vital Technical Sdn. Bhd. Vo 39, Jalain Industrial Park, 14000 Rawang, Selangor, Malaysia. + 4003 600042089 - F +003 60992030 14600 Rawang, Selangor, Malaysia. + 4003 60942089 - F +003 60992030 14604 80042089 - F +003 60992030 14605 80042089 - F +003 60992030 14607 40042089 - F +003 60992030 14608 80042089 - F +003 60992030 14608 80042089 - F +003 60992030 14608 80042089 - F +003 60992030 14609 Rowang, Selangor, Malaysia. 14700 Rawang, Selangor, Malaysia. 14809 Rowang, Selangor, Malaysia. 1480 Rowang, Selangor, Malaysia. 1481 S 1481 S 1481 S 1481 S 1481 P 1481 S 1482 - Labole Industry Code of Practice on chemicals classification and hazard communication (2014) 1482 - Labole Industry Code of Practice on chemicals classification and hazard communication (2014) <td>1.1. Product identifier</td> <td></td> | 1.1. Product identifier | |
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| 1.3. Recommended use of the chemical and restrictions on use Va additional information available Identified and the strict of the s | 1.2. Other means of identification | |
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| 1.4. Supplier's details Wanufacturer Visit Technical Sdn. Bhd. Visit 3 Sdn. Shd. Sky. Jalan Industri 373 Rawang Integrated Industrial Park, Boogeneese State Stat | 1.3. Recommended use of the chemi | cal and restrictions on use |
| Wain Technical San. Bhd, Visa, Jalan Industri 3/3 Yain Technical San. Bhd, Visa, Jalan Industri 3/3 Yawang Integrated Industrial Park, (2000 Rawang, Selanger, Malaysia). 1.4000 Rawang, Selanger, Malaysia). 1.5 Energency phone number Vo additional information available Sector 101 2: Hazards identification Sector 101 2: Hazards identification Sector 101 2: Hazards identification Electron chemical Classification and hazard communication (2014) Kin Sens. 1 H315 Yeint: 2 Kin Sens. 1 H317 Yeint: 2 Kin Sens. 1 Yeint: 2 Kin | No additional information available | |
| Vila Technical Sdn. Bhd. V93, Jalain Mustri 33 Rowang Integrated Industrial Park, 18900 Rawang, Selangor, Malaysia, 1-4003 80042088 - F +603 60992930 sales@vilatlechnical.com 1.5. Energency phone number No additional information available SECTION 2: Hazards identification Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014) Kin Inft. 2 H315 Kin Inft. 2 | 1.4. Supplier's details | |
| No additional information available SECTION 2: Hazards identification 2.1. Classification of the hazardous chemical Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014) Kin Irit. 2 Yel Irit. 2 H315 Yel Irit. 2 H315 Yel Irit. 2 H319 Yel Irit. 2 H319 Yel Irit. 2 H319 Yel Irit. 2 H319 Yel Irit. 2 Yel Irit. | Manufacturer Vital Technical Sdn. Bhd. No.93, Jalan Industri 3/3 Rawang Integrated Industrial Park, 48000 Rawang, Selangor, Malaysia. T +603 60942088 - F +603 60992930 <u>sales@vitaltechnical.com</u> | |
| SECTION 2: Hazards identification 2.1. Classification of the hazardous chemical Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014) skin Irrit. 2 H315 skin Irrit. 2 H319 skin Sens. 1 H317 updatic Chronic 3 H412 2.2. Label elements Labeling according to Industry Code of Practice on chemicals classification and hazard communication (2014) Hazard pictograms (GHS MY) : Variance : Signal word (GHS MY) : Contains : Hazard statements (GHS MY) : Halto - Causes serious eye irritation. H319 - Causes serious eyee irritation. H319 - Causes serious eyee irritation. H319 | 1.5. Emergency phone number | |
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| | 2.3. Other hazards not contributing to | o the classification |
| vo audiuonai information available | No additional information available | |

3.1. Substances Not applicable 3.2. **Mixtures**

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| Name | Product identifier | % | Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014) |
|--|----------------------|---------|---|
| bis-[4-(2,3-epoxipropoxi)phenyl]propane | (CAS-No.) 1675-54-3 | 10 – 30 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs. | (CAS-No.) 68609-97-2 | 1 – 10 | Skin Irrit. 2, H315 Skin Sens. 1, H317 |

| SECTI | ON 4: First aid measures | |
|---|--|--|
| 4.1. | Description of first aid measures | |
| First-aid | measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid | measures after skin contact | : Wash skin with plenty of water. |
| First-aid | measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid | measures after ingestion | : Call a poison center or a doctor if you feel unwell. |
| 4.2. | Most important symptoms and effec | ts, both acute and delayed |
| No additi | onal information available | |
| 4.3. | Indication of any immediate medical | attention and special treatment needed |
| | edical advice or treatment | : Treat symptomatically. |
| | | · · · · · · · · · · · · · · · · · · · |
| SECTI | ON 5: Firefighting measures | |
| 5.1. | Extinguishing media | |
| Suitable | extinguishing media | : Water spray. Dry powder. Foam. |
| 5.2. | Special hazards arising from the sub | ostance or mixture |
| Hazardo fire | us decomposition products in case of | : Toxic fumes may be released. |
| 5.3. | Special protective equipment and pr | recautions for fire-fighters |
| Protectio | n during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| EAC cod | e | : •3Z |
| | | |
| SECTI | ON 6: Accidental release meas | sures |
| SECTI 6.1. | ON 6: Accidental release meas Personal precautions, protective equ | |
| | Personal precautions, protective equ | |
| 6.1. 6.1.1. | Personal precautions, protective equiparts for non-emergency personnel | uipment and emergency procedures |
| 6.1. 6.1.1. Emerger | Personal precautions, protective equipations of the second | |
| 6.1. 6.1.1. Emerger 6.1.2. | Personal precautions, protective equiparts of the second s | uipment and emergency procedures : Ventilate spillage area. |
| 6.1. 6.1.1. Emerger 6.1.2. | Personal precautions, protective equipations of the second | uipment and emergency procedures |
| 6.1. 6.1.1. Emerger 6.1.2. | Personal precautions, protective equiparts of the second s | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information |
| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. | Personal precautions, protective equipment | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information |
| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. | Personal precautions, protective equ For non-emergency personnel acy procedures For emergency responders e equipment Environmental precautions | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. Avoid rel 6.3. | Personal precautions, protective equivalence of the equivalence of the equivalence of the equipment of the equipment of the equipment. | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. Avoid rel 6.3. Methods | Personal precautions, protective equivalence of the second | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. Avoid rel 6.3. Methods | Personal precautions, protective equiparts of the environment. | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. Avoid rel 6.3. Methods SECTI 7.1. | Personal precautions, protective equiparts of the equipar | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
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| 6.1. 6.1.1. Emerger 6.1.2. Protectiv 6.2. Avoid rel 6.3. Methods SECTIO 7.1. Precautio | Personal precautions, protective equiparts of the second s | uipment and emergency procedures : Ventilate spillage area. : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". int and cleaning up : Mechanically recover the product. : Ensure good ventilation of the work station. Wear personal protective equipment. : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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| SECTION 8: Exposure controls/personal protection | | |
|---|--|--|
| 8.1. Control parameters | | |
| No additional information available | | |
| Exposure limit values for the other components | | |
| No additional information available | | |
| | | |
| 8.2. Monitoring | | |
| No additional information available | | |
| 8.3. Appropriate engineering controls | | |
| Appropriate engineering controls : Ensure good ventilation of the work station. | | |
| 8.4. Personal protective equipment | | |
| Hand protection: | | |
| Protective gloves | | |
| Eye protection: | | |
| Safety glasses | | |
| Skin and body protection: | | |
| Wear suitable protective clothing | | |
| Respiratory protection: | | |
| In case of insufficient ventilation, wear suitable respiratory equipment | | |

Personal protective equipment symbol(s):



Environmental exposure controls

: Avoid release to the environment.

| SECTION 9: Physical and chemical | properties | |
|---|--|-----|
| Physical state | : Solid | |
| Appearance | : No data available | |
| Colour | : Grey | |
| Odour | : Perceptible odour | |
| Odour threshold | : No data available | |
| рН | : No data available | |
| Melting point, Freezing point | : Melting point: No data available Freezing point: Not applicable | |
| Boiling point | : No data available | |
| Flash point | : Not applicable | |
| Evaporation rate | : No data available | |
| Flammability (solid, gas) | : Non flammable. | |
| Explosive limits | : Not applicable | |
| Vapour pressure | : No data available | |
| Relative vapour density at 20 °C | : No data available | |
| Relative density | : Relative density: 1.85 | |
| Solubility | : No data available | |
| Partition coefficient n-octanol/water (Log Pow) | : No data available | |
| Partition coefficient n-octanol/water (Log Kow) | : No data available | |
| Auto-ignition temperature | : No data available | |
| Decomposition temperature | : No data available | |
| Viscosity, kinematic | : Not applicable | |
| Viscosity, dynamic | : No data available | |
| 23/02/2021 (Issue date) | EN (English) | 3/6 |

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SECTION 10: Stability and reactivityReactivity: The product is non-reactive under normal conditions of use, storage and transportChemical stability: Stable under normal conditionsPossibility of hazardous reactions: No dangerous reactions known under normal conditions of useConditions to avoid: None under recommended storage and handling conditions (see section 7)Incompatible materials: No data availableHazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced

| SECTION 11: Toxicological inf | ormation |
|--------------------------------------|--|
| 11.1. Information on toxicological | |
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |
| Skin corrosion/irritation | : Causes skin irritation. pH: No data available |
| Serious eye damage/irritation | Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| VT-500 Epoxy Mortar Part A | |
| Viscosity, kinematic | Not applicable |

| Viscosity, Milematic | Not applicable |
|---|---|
| SECTION 12: Ecological information | |
| 12.1. Toxicity | |
| | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short- term (acute) | Not classified |
| Hazardous to the aquatic environment, long- term (chronic) | Harmful to aquatic life with long lasting effects. |
| 12.2. Persistence and degradability | |
| VT-500 Epoxy Mortar Part A | |
| Persistence and degradability | No additional information available |
| 12.3. Bioaccumulative potential | |
| VT-500 Epoxy Mortar Part A | |
| Bioaccumulative potential | No additional information available |
| 12.4. Mobility in soil | |
| VT-500 Epoxy Mortar Part A | |
| Mobility in soil | No additional information available |
| 12.5. Other adverse effects | |
| Ozone | Not classified |
| Other adverse effects | No additional information available |
| SECTION 13: Disposal information | |
| 13.1. Disposal methods | |

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

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| according to ICOP 2014 | |
|--|---|
| SECTION 14: Transportation info | prmation |
| 14.1. UN number | |
| UN-No.(UN RTDG) | : Not applicable |
| UN-No. (IMDG) | : 3082 |
| UN-No. (IATA) | : 3082 |
| 14.2. Proper Shipping Name | |
| Proper Shipping Name (UN RTDG) | : Not applicable |
| Proper Shipping Name (IMDG) | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (IATA) | : Environmentally hazardous substance, liquid, n.o.s. |
| | |
| 14.3. Transport hazard class(es) | |
| UN RTDG | |
| Transport hazard class(es) (UN RTDG) | : Not applicable |
| INDO | |
| IMDG | . 0 |
| Transport hazard class(es) (IMDG) | : 9 |
| Danger labels (IMDG) | : 9 |
| | • |
| | |
| | |
| | 9 |
| | \checkmark |
| 1474 | |
| IATA | . 0 |
| Transport hazard class(es) (IATA) | : 9 |
| Danger labels (IATA) | : 9 |
| | |
| | |
| | |
| | 9 |
| | \checkmark |
| | |
| 14.4. Packing group | |
| Packing group (UN RTDG) | : Not applicable |
| Packing group (IMDG) | : 11 |
| Packing group (IATA) | : 11 |
| 14.5. Environmental hazards | |
| Dangerous for the environment | : No |
| Marine pollutant | : No |
| Other information | : No supplementary information available |
| 14.6. Special precautions for user | |
| | |
| - UN RTDG | |
| No data available | |
| - IMDG | |
| Special provisions (IMDG) | : 274, 335, 969 |
| Limited quantities (IMDG) | : 5L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : LP01, P001 |
| Special packing provisions (IMDG) | : PP1 |
| IBC packing instructions (IMDG) | IBC03 |
| Tank instructions (IMDG) | : T4 |
| Tank special provisions (IMDG) | : TP1, TP29 |
| 22/02/2021 (logue dete) | |
| VX/VV/2021 (loous data) | EN (English) |

VT-500 Epoxy Mortar Part A

Safety Data Sheet

According to ICOP 2014

| According to ICOP 2014 | | |
|--|--|-------|
| EmS-No. (Fire) | : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE | |
| EmS-No. (Spillage) | : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS | |
| Stowage category (IMDG) | : A | |
| - IATA | | |
| PCA Excepted quantities (IATA) | : E1 | |
| PCA Limited quantities (IATA) | : Y964 | |
| PCA limited quantity max net quantity (IATA) | : 30kgG | |
| PCA packing instructions (IATA) | : 964 | |
| PCA max net quantity (IATA) | : 450L | |
| CAO packing instructions (IATA) | : 964 | |
| CAO max net quantity (IATA) | : 450L | |
| Special provisions (IATA) | : A97, A158, A197 | |
| ERG code (IATA) | : 9L | |
| 14.7. Transport in bulk according to Anr | ex II of MARPOL 73/78 and the IBC Code | |
| Not applicable | | |
| 14.8. Hazchem or Emergency Action Co | de | |
| EAC code | : •3Z. | |
| | | |
| SECTION 15: Regulatory informatio | n | |
| 15.1. Safety, health and environmental r | egulations/legislation specific for the substance or mixture | |
| No additional information available | | |
| | | |
| 15.2. Chemical safety assessment | | |
| No additional information available | | |
| SECTION 16: Other information | | |
| Version | : 1.0 | |
| Issue date | : 23/02/2021 | |
| | | |
| Full text of H-statements: | | |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Categ | |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Categ | ory 3 |
| Eye Irrit. 2 Skin Irrit. 2 | Serious eye damage/eye irritation, Category 2 Skin corrosion/irritation, Category 2 | |
| Skin Sens. 1 | Skin conosion/initiation, Category 2 | |
| H315 | Causes skin irritation. | |
| | | |

H317May cause an allergic skin reactionH319Causes serious eye irritation.H411Toxic to aquatic life with long lasting effects.H412Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), Malaysia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.