

Safety Data Sheet



Response : P302+352 : IF ON SKIN, wash with plenty of soap and water.
P332+313 : If skin irritation occurs get medical advice/attention.
P361+364 : Take off immediately all contaminated clothing and wash it before reuse.
P305+351+338 : IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 : Immediately call a POISON CENTRE or doctor/physician.
P333 + P313 : If skin irritation or rash occurs: Get medical advice/attention.
P321 : Specific treatment (see First Aid Measures on this SDS)
P272: Contaminated work clothing should not be allowed out of the workplace.
P363 : Wash contaminated clothing before reuse.
P308+P313 : IF exposed or concerned: Get medical advice/attention.
P304+340 : IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P314 : Get medical advice/attention if you feel unwell.

Storage : P403+233 : Store in a well ventilated place. Keep container tightly closed.
P405 : Store locked up.

Disposal : P501 : Dispose of contents/container in accordance with local, regional, national, international regulations.

SUSMP Poisons Schedule : Not Scheduled

3. COMPOSITION INFORMATION

| Chemical Entity | CAS NO | Proportion |
|--|------------|------------|
| Graded sand | - | 45 - 60 % |
| Crystalline Silica (respirable fraction) | 14808-60-7 | 0.1% |
| Cement, Portland | 65997-15-1 | 25 - 35 % |
| Ingredients determined not to be hazardous : | - | Balance |
| | | <hr/> 100% |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126).

Inhalation : Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin : For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is available). If skin irritation occurs seek medical advice or attention.

Eye : If in eyes, hold eyelids apart and rinse the eyes continuously with running water. Remove contact lenses if present and easy to do. Continue rinsing for several minutes until all contaminants are washed out completely. Immediately call a doctor. Continue rinsing.

Ingestion : If swallowed rinse mouth. Do NOT induce vomiting. Call a Poisons Information Centre or doctor if you feel unwell.

First Aid Facilities : Eye wash and normal washroom facilities.

Advice to Doctor : Treat symptomatically.

Product Name : Rendertex Renderbase High Polymer Strength
Issued : 3/11/21
Version : 1.2

5. FIRE-FIGHTING MEASURES

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|---------------------------------------|---|
| Hazchem Code : | Not applicable |
| Suitable extinguishing media : | Not combustible, however, if material is involved in fire use extinguishing media appropriate to surrounding fire conditions. |
| Specific hazards : | Non- combustible material. |

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| Fire fighting further advice : | If safe to do so, remove containers from path of fire. On burning, may emit toxic fumes. Cool fire exposed containers with water spray from a protected location. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Prevent , by any means available, contamination of drains and waterways. |
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6. ACCIDENTAL RELEASE MEASURES

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| Small Spills : | Clean up all spills immediately. Wear personal protective equipment to control contact. Avoid contact with skin and eyes. Use dry clean-up procedures and avoid generating dust. Place in a suitable, labelled container for disposal. |
| Large Spills : | Major spills present a moderate hazard. Advise all personnel in immediate area. Control personal contact by wearing protective clothing. Prevent spillage from entering drains or waterways. Alert Emergency Services and advise of location and nature of hazard. Collect product wherever possible. IF DRY, use dry clean-up procedures and avoid generating dust. Seal in properly labelled bags or containers for disposal. |

Dangerous Goods - Initial Emergency Response Guide No : NA

7. HANDLING AND STORAGE

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| Handling : | Avoid all personal contact, including inhalation. Avoid handling in a manner which leads to dust formation. |
| Storage : | Keep dry. Store under cover. Protect packaging against physical damage. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters : No value assigned for this specific product by Safe Work Australia. However, Workplace Standard(s) for constituent(s) are :

| Chemical Entity | TWA | mg/m ³ | STEL | mg/m ³ | Carcinogen Category | Notices |
|--|-----|-------------------|------|-------------------|---------------------|---------|
| | ppm | | ppm | | | |
| Crystalline Silica (respirable fraction) | - | 0.05 | - | - | 1A | - |
| Portland Cement | - | 10 | - | - | - | - |

As published by Safe Work Australia

TWA - the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be expected at any time during a normal eight-hour workday.

"Sk" Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards and should be reviewed in conjunction with Safe Work Australia document GUIDANCE ON THE INTERPRETATION OF WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS ⁽¹⁾. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If directions for use are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Engineering Controls : Ensure ventilation is adequate and that air concentrations are controlled below quoted Workplace Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation if available or while wearing dust mask.

Personal

Protection Equipment : **OVERALLS, SAFETY SHOES, SAFETY GLASSES WITH SIDE SHIELDS, GLOVES, DUST MASK.**

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Gloves should be routinely examined for wear and/or degradation.

⁽¹⁾ Guidance On The Interpretation Of Workplace Exposure Standards For Airborne Contaminants (Version 2), Safe Work Australia, April 2013

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | White or grey powder, miscible with water. |
| Odour : | No data |
| Solubility : | Miscible in water |
| Specific Gravity (20 degC) : | 1.50 - 1.65 |
| Relative Vapour Density (air=1) : | Not Applicable |
| Vapour Pressure (20degC) : | Not Applicable |
| Flash Point (degC) : | Not Applicable |
| Flammability Limits (%) : | Non Flammable |
| Autoignition Temperature (degC) : | Not Applicable |
| Melting Point/Range (degC) : | Not Applicable |
| Boiling Point/Range (degC) : | Not Applicable |
| pH : | Not Available |
| Viscosity (Kinematic @ 40 degC) : | Not Applicable |
| Total VOC (g/litre) : | Not Available |

10. STABILITY AND REACTIVITY

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| Reactivity : | Avoid contact with borohydrates or cyanoborhydrides. |
| Chemical Stability : | Avoid strong acids, acid chlorides, acid anhydrides and chloroformates. |
| Hazardous Reactions : | Avoid or control reactions with peroxides. |
| Conditions to Avoid : | Avoid contact with copper, aluminium and their alloys. Non combustible, however packaging may burn and silicon dioxide may emit poisonous fumes. |
| Incompatible Materials : | Avoid strong acids, acid chlorides, acid anhydrides and chloroformates. |
| Hazardous Decomposition Products : | Transition metal complexes of alkyl hydroperoxides may decompose explosively. |

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if material is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are :

Acute effects and routes of exposure :

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| Inhalation : | Dust is mildly irritating to the nose, throat and respiratory tract and may cause coughing and sneezing. Prolonged inhalation of any dusts may cause irritation of respiratory tract. |
| Skin Contact : | Contact with skin may lead to irritation. |
| Eye Contact : | Causes serious eye damage. |
| Ingestion : | No adverse effects expected due to swallowing of small amounts. Ingestion of large amounts should be treated with caution and medical advice sought. |

| | |
|----------------|---|
| Product Name : | Renderdex Renderbase High Polymer Strength |
| Issued : | 3/11/21 |
| Version : | 1.2 |

Safety Data Sheet



Information on toxicological effects :

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| Inhalation : | This material can cause respiratory irritation in some persons. Such irritation can cause further lung damage. Inhalation of dusts generated by the material during the course of normal handling may be damaging to the health of the individual. |
| Skin Contact : | The material may cause moderate inflammation of the skin either following direct contact or after a delay of some time. |
| Ingestion : | Accidental ingestion may be damaging to the health of the individual. |
| Skin Corrosion/Irritation : | This product is classified as a Category 2 Hazard. Wet material is quite alkaline and contributes strongly to contact dermatitis. Open cuts, abraded or irritated skin should not be exposed to this material. |
| Serious Eye Damage/Irritation : | This product is classified as a Category 1 Hazard. Causes serious eye damage. |
| Respiratory Sensitisation : | Not a respiratory sensitizer. |
| Skin Sensitisation : | This product is classified as a Category 1 Hazard. May cause an allergic skin reaction. Repeat exposure can cause contact dermatitis. |
| Chronic Toxicity : | |
| Mutagenicity : | This product has been classified as Non-hazardous. |
| Carcinogenicity : | Classified as a Category 1A Hazard. It may contain trace amounts of respirable crystalline silica. Crystalline silica has been classified by the International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1). Crystalline silica can also cause silicosis or other lung diseases on repeated or prolonged exposure. |
| Reproductive Toxicity: | This product has been classified as Non-hazardous. |
| Specific Target Organ Toxicity (Single Exposure) : | This product is classified as a Category 3 Hazard. Exposure via inhalation may effect the respiratory tract. |
| Specific Target Organ Toxicity (Repeat Exposure) : | This product is classified as a Category 1 Hazard. Repeated or prolonged exposure via inhalation causes damage to the lungs. |
| Aspiration Hazard : | Not an aspiration hazard. |

12. ECOLOGICAL INFORMATION

Avoid contaminating drains and waterways. DO NOT discharge into sewers and waterways.

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| Ecotoxicity : | No information available. |
| Persistence and Degradability : | No information available. |
| Bioaccumulative Potential : | No information available. |
| Mobility : | No information available. |

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose of in accordance with local, regional, national and international regulations.

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|-----------------------|---|
| Product Name : | Rendertex Renderbase High Polymer Strength |
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14. TRANSPORT INFORMATION

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|----------------------------------|--|
| Road and Rail Transport : | Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail". NON DANGEROUS GOODS. |
| Marine Transport : | Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) Code) for transport by sea. NON DANGEROUS GOODS. |
| Air Transport : | Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. NON DANGEROUS GOODS. |

15. REGULATORY INFORMATION

This product/constituent(s) is/are covered by the following requirements :

This material is hazardous according to health criteria of Safe Work Australia. HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail".
NON DANGEROUS GOODS.

The Standard for the Uniform Scheduling of Medicines and Poisons No. 34.

Not Scheduled

All the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS), or exempted.

16. OTHER INFORMATION

This Safety Data Sheet has been prepared by Haymes Paint Technical Department.

Reason(s) for Issue : Formatting error corrected. Graded sand now shows under Compositional Information.

Literature References : Globally Harmonised System of Classification and labelling of Chemicals (GHS), 7th revised edition, United Nations, 2017.

Model Codes of Practice: Classification and labelling of workplace hazardous chemicals, and preparation of safety data sheets for hazardous chemicals - Safe Work Australia, July 2020.

Australian Inventory of Chemical Substances.

European Chemicals Agency (ECHA).

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Haymes Paint cannot anticipate or control the conditions under which the product may be used, prior to usage, review the SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.