

Safety Data Sheet



Hazardous Substance, Non-Dangerous goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name Concrete Etch

Product Code : HCE

Product Use : To etch both new or aged bare concrete before topcoating.

Company Name : Haymes Paint

ABN : 14 004 201 638

Address : Waringa Drive, Wendouree Industrial Park, Victoria 3355, Australia.

Emergency Telephone : **03 5342 6200 . Office Hours : 7-30 to 5-30 Monday to Friday.**

Telephone Number/Fax : Tel: 03 5342 6200 . Office Hours : 7-30 to 5-30 Monday to Friday.

2. HAZARDS IDENTIFICATION

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

Hazard Pictograms :



Exclamation mark

SIGNAL WORD : **Warning**

Hazard Classification : Skin irritation - Category 2
Eye irritation - Category 2A
Specific Target Organ Toxicity (Single Exposure) - Category 3

Hazard Statement(s) : H315 : Causes skin irritation.
H319 : Causes serious eye irritation
H335 : Exposure via inhalation may cause respiratory irritation.

Precautionary Statement(s) :

Prevention : P102 : Keep out of reach of children.
P103 : Read label before use.
P261 : Avoid breathing mists, vapours or spray.
P264 : Wash exposed skin thoroughly after handling.
P271 : Use only outdoors or in a well-ventilated area.
P280 : Wear protective gloves.

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.
P337+313 : If eye irritation persists get medical advice/attention.
P304+340 : IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 : Call a POISON CENTRE or doctor/physician 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**

Dangerous Goods Classification : NOT classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail.

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3. COMPOSITION INFORMATION

Chemical Entity	CAS NO	Proportion
Citric Acid Monohydrate	77-92-9	95 - 100%
Ingredients determined not to be hazardous :	-	<u>Balance</u> 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. If eye irritation persists seek medical advice or attention.
Ingestion :	If swallowed rinse mouth. Do NOT induce vomiting. Call a Poisons information Centre or doctor if you feel unwell.

Symptoms and effects that may arise if the product is mishandled and overexposure occurs are :

Inhalation :	Irritation and coughing.
Skin contact :	Irritation, redness.
Eye contact :	Pain or irritation, watering, redness.
Ingestion :	Nausea or vomiting.
Advice to First Aiders :	Be aware of the material(s) involved, and wear protective equipment if there is a risk of inhalation or skin and eye contamination.
First Aid Facilities :	Eye wash and normal washroom facilities.
Advice to Doctor :	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code :	Not applicable
Suitable extinguishing media :	If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).
Specific hazards :	Non-combustible material.
Fire fighting further advice :	Not applicable.

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6. ACCIDENTAL RELEASE MEASURES

Small Spills :	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Collect and seal in properly labelled containers or drums for disposal.
Large Spills :	Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of any dust. Work up wind or increase ventilation. Contain - prevent any possible contamination of drains and waterways. Collect and seal in properly labelled containers or drums for disposal. If contamination of drains or waterways has occurred advise local emergency services.
Dangerous Goods - Initial Emergency Response Guide No :	Not Applicable

7. HANDLING AND STORAGE

Handling :	Keep out of reach of children. Avoid eye contact and repeated or prolonged skin contact and inhalation of any vapour.
Storage :	Store in a cool, dry, well-ventilated place and out of direct sunlight. Keep containers closed when not in use. Check regularly for spills or leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters :	Exposure limits have not been established by SWA for any of the significant ingredients in this product.
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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.

These Exposure Standards are guides to be used in the control of occupational health hazards. 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. Close with lid when not in use.
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Personal

protection equipment : **OVERALLS, SAFETY SHOES, SAFETY GLASSES OR CHEMICAL GOGGLES, GLOVES.**

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.

Hygiene measures :	Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent free-flowing powder
Odour :	None
Odour Threshold :	Not Available
Solubility :	Soluble in water.
Specific Gravity (20 °C) :	1.6 - 1.7
Relative Vapour Density (air=1) :	Not available

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Vapour Pressure (20 °C) :	Not available
Flash Point (°C) :	Not Applicable
Flammability Limits (%) :	Not Applicable
Autoignition Temperature (°C) :	Not Applicable
Melting Point/Range (°C) :	Not Applicable
Boiling Point/Range (°C) :	Not Available
Decomposition Point (°C) :	Not Available
pH :	1.5 - 2.5 (5% solution)
Viscosity (Kinematic @ 40 °C) :	Not available
Total VOC (g/litre) :	Not available

10. STABILITY AND REACTIVITY

Reactivity :	No known hazardous reactions.
Chemical stability :	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Hazardous reactions :	No known hazardous reactions.
Conditions to avoid :	Elevated temperatures and sources of ignition.
Incompatible materials :	Oxidising agents
Hazardous decomposition products :	
	Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects :	
Acute toxicity - Inhalation :	Insufficient information available for classification.
Acute toxicity - Skin contact :	Insufficient information available for classification.
Acute toxicity - Ingestion :	Insufficient information available for classification.
Skin corrosion/irritation :	This product is classified as a Category 2 Hazard. Causes skin irritation.
Serious eye damage/irritation :	This product is classified as a Category 2A Hazard. Causes serious eye irritation.
Respiratory Sensitisation :	Not a respiratory sensitizer.
Skin Sensitisation :	This product has been classified as Non-hazardous.
Aspiration hazard :	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.
Chronic Toxicity :	
Mutagenicity :	This product has been classified as Non-hazardous.
Carcinogenicity :	This product has been classified as Non-hazardous.
Reproductive toxicity:	This product has been classified as Non-hazardous.
Specific target organ toxicity (repeat exposure) :	This product has been classified as Non-hazardous.
Likely routes of exposure :	

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 :

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Potential acute health effects : No evidence of reproductive or developmental toxicity
Inhalation : Prolonged inhalation of any vapours may cause irritation of respiratory tract.
Skin contact : Contact with skin may lead to irritation.
Eye contact : Contact with eye may cause irritation.
Ingestion : No adverse effects expected due to swallowing of small amounts. Ingestion of large amounts should be treated with caution and medical advice sought.

Symptoms related to the physical, chemical and toxicological characteristics :

Inhalation : Irritation and coughing.
Skin contact : Irritation, redness.
Eye contact : Pain or irritation, watering, redness.
Ingestion : Nausea or vomiting.

Delayed and immediate effects and also chronic effects from short and long term exposure :

Inhalation : Dust and vapours may irritate the nose, mouth and respiratory tract.
Skin contact : Prolonged or repeated contact can defat the skin and lead to irritation and/or irritant contact dermatitis.
Eye contact : Mist, vapours or spray may cause eye irritation. Exposure to mist, vapour or spray may cause stinging, redness and watering of the eyes.
Ingestion : If swallowed, may irritate the mouth, throat and digestive system. If swallowed, may cause abdominal pain, stomach cramps, nausea, vomiting, diarrhoea, dizziness and drowsiness.

12. ECOLOGICAL INFORMATION

Avoid contaminating drains and waterways.

Acute aquatic hazard : No information available to complete an assessment.
Long-term aquatic hazard : No information available to complete an assessment.
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 in accordance with local, regional, national and international regulations.

14. TRANSPORT INFORMATION

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.

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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. 32.

Not Scheduled

All the constituents of this product are listed on the Australian Hazardous Chemical Information System (HCIS), or exempted.

16. OTHER INFORMATION

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

Reason(s) for issue : New Product. First Issue.

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 Hazardous Chemical Information System (HCIS).

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.