

SAFETY DATA SHEET – CRUSHED GLASS

Product Name

CRUSHED GLASS

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Other means of identification : VCG0425
VCG7020
VCG1575
VCG3015
Coarse; medium; fine; superfine; moon dust

Synonyms Recycled Glass
Envirosand

Recommended use : Abrasive blasting; filter media; concrete & asphalt additive; termite barrier; filler; pipe bedding

Manufacturer : Recycled Glass processed under License Agreement for Enviro Sand
228B Lavarack Avenue,
Pinkenba,
Brisbane,
Queensland, Australia

Emergency telephone number : Brisbane (07) 3157 6650 (normal Business Hours Monday to Friday)

Issuing date : 24.06.2019

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

SECTION 2: HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

ROUTES OF ENTRY:

Inhalation – Yes

Ingestion – No

Skin – No

Other – No.

Hazard Statement(s):

H315 Causes skin irritation

H319 Causes serious eye irritation

SAFETY DATA SHEET – CRUSHED GLASS

H335 May cause respiratory irritation Prevention Statement(s):

P261 Avoid breathing dust

P264 Wash skin thoroughly after handling

P271 Use only outdoors or in well ventilated area

P280 Wear protective gloves/protective clothing/eye protection/face protection against dust Response Statement(s):

P302+P352 IF ON SKIN – wash with plenty of soap and water

P304+P340 IF INHALED – remove to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses if present

(and easy to do). Continue rinsing.

P321 Call a POISON CENTRE or doctor if feeling unwell **P332+P337+P313** Specific treatment is advised – see first aid instructions

P362 If skin or eye irritation occurs – get medical advice or attention.

Take off contaminated clothing and wash before reuse.

Storage Statement(s):

P403+P223 Store in a well ventilated area. Keep containers fully closed. P405
Store locked up.

Disposal Statement(s):

P501 Dispose of contents/containers in accordance with relevant regulations.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>INGREDIENTS:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>
Crushed Glass	65997-17-3	100	100

SECTION 3 NOTES: Moisture content typically 0.1%; recycling residues typically <0.2%

SECTION 4: FIRST AID MEASURES

EYES: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

SKIN: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by Poisons Information Centre or doctor.

INGESTION: For advice, contact a Poisons Information Centre on 13 11 26 (Australia wide) or a doctor (at once). If swallowed do not induce vomiting.

INHALATION: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. **NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.**

SECTION 5 FIRE FIGHTING MEASURES

SAFETY DATA SHEET – CRUSHED GLASS

FLAMMABILITY	Not flammable
FLASH POINT	Not applicable
AUTOIGNITION TEMPERATURE	Not applicable

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES	None. Prevent contamination of drains and waterways.
UNUSUAL FIRE AND EXPLOSION HAZARDS	None
HAZARDOUS DECOMPOSITION PRODUCTS	None

HAZCHEM CODE: None allocated.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

If spilt (bulk), use personal protective equipment. Ventilate area where possible. Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust.

SECTION 7: HANDLING AND STORAGE

Storage	Store in a cool, dry, well ventilated area. Remove from foodstuffs
Handling	Before use, read product label. Use of safe work practices is recommended to avoid eye or skin contact or inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for particulates:

Dusts not otherwise classified: 8hr TWA = 10 mg/m³

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace 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 workplace 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.

Appropriate engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Keep

SAFETY DATA SHEET – CRUSHED GLASS

containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.



Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If determined by a risk assessment an inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid, granular, angular particles
Colour:	Flint (colourless, blue, mixed amber, mixed green)
Odour:	No discernable odour
Molecular Formula:	Na O+K O = Li O 12-15%; CaO+MgO 10-13%; Al O 1-2%; Other oxides [expect SiO] 0-1%; SiO (bound)-Balanced. CONTAINS NO FREE SILICA
Solubility:	Insoluble
Specific Gravity:	2.5
Relative Vapour Density (air=1):	Not applicable
Vapour Pressure (20 °C):	Not applicable
Flash Point (°C):	Not applicable
Flammability Limits (%):	Not applicable
Autoignition Temperature (°C):	Not applicable
Melting Point/Range (°C):	>800°C
Decomposition Point (°C):	Not applicable
pH:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

SAFETY DATA SHEET – CRUSHED GLASS

Chemical stability:	Stable under normal conditions of use.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Heat, sparks, open flames
Hazardous Polymerization	Does not polymerise
Hazardous decomposition products:	Does not decompose into hazardous products

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Low toxicity. Under normal conditions of use adverse health effects are not anticipated. Use safe work practices to avoid eye contact, prolonged skin contact and dust generation leading to inhalation risk.

Eye	Low to moderate irritant
Inhalation	Low irritant. Over exposure may result in irritation of nose and throat, with coughing. Skin:Low irritant. Prolonged exposure may lead to skin irritation or dermatitis.
Ingestion	Low toxicity. Ingestion from hand to mouth contamination may result in gastrointestinal irritation and nausea

SECTION 12: ECOLOGICAL INFORMATION

This product is not anticipated to cause adverse effect to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal method	Ensure product is covered with moist soil to prevent dust generation and dispose of in an approved Council landfill.
Legislation	Dispose of in accordance with relevant local legislation

SECTION 14: TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name	None allocated
UN No.	None allocated
DG Class	None allocated
Packing Group	None allocated
Hazchem Code	None allocated
Subsidiary Risk(s)	None allocated

SECTION 15 REGULATORY INFORMATION

Poisons Schedule	A Poison Schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)
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SAFETY DATA SHEET – CRUSHED GLASS

SECTION 16: OTHER INFORMATION

RESPIRATORS – In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment is used it must be appropriate and training in its use must be carried out. Long periods of use of respirators can cause discomfort and consideration should be given to this effect.

ABBREVIATIONS:

SWA Safe Work Australia TWA Time Weighted Average

mg/m³ milligrams per cubic metre

pH hydrogen ion concentration (pH=1 means highly acidic; pH=14 means highly alkaline)

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Prepared by **Dana-Ridge**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.