

Hazardous Substance, NON-Dangerous Goods

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier: **Selleys Gaps Gone Outside Sealant**

Synonyms:

Gaps Gone Outside White, 300mL
Gaps Gone Outside Black, 300mL

Product Code

-
-

Bar Code

9300697126986
9300697126993

Relevant identified uses of the substance or mixture and uses advised against: Ready mixed flexible, exterior sealant. No information for uses advised against.

Details of the supplier of the safety data sheet:

Supplier/Distributor: Selleys Australia
Street Address: 1 Gow Street,
Padstow NSW 2211
Australia

Craig and Rose Ltd
Unit 8, Halbeath Industrial Estate,
Crossgates Road, Halbeath,
Dunfermline,
Fife, KY11 7EG
Scotland

Telephone: 0800 085 6278
Web Address: www.selleys.com
E:Mail selleys.sds@selleys.co.uk

24hr UK Emergency telephone number: **0800 085 6522**

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture: This material is classified as hazardous according to the criteria of Regulation (EC) No. 1272/2008 (CLP).

Serious Eye Damage/Irritation – Category 2A
Sensitisation – Skin – Category 1

Label elements/pictogram:



Signal word:

Warning

Hazard statements:

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements:

P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing vapours.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator as required.
P101 If medical advice is needed, have product container or label at hand.
P302+352 IF ON SKIN: Wash with soap and water.
P363 Wash contaminated clothing before reuse.
P333+313 If skin irritation or a rash occurs: Get medical advice/attention.

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

Supplemental hazard information

Not applicable

Other hazards: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	EC No.	REACH Reg. No.	Proportion (% w/w)	Classification
Trimethoxyvinylsilane	2768-02-7	220-449-8	01-2119513215-52	1.5 - 2.0	H226, H319, H332
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	217-164-6	01-2119970215-39	0.9 - 1.0	H317, H318, H332
Non-Hazardous	-	-	-	>97	-

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP).

4. FIRST AID MEASURES

Description of first aid measures: If poisoning occurs, contact a doctor or the National Poisons Information Service (Phone 111) or Ambulance (Phone 999).

Inhalation: Remove victim from exposure - avoid becoming a casualty. 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 contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Self-protection for the first aider: Wear overalls, chemical goggles and impervious gloves. 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. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Most important symptoms and effects, both acute and delayed: Refer to Section 11 for Toxicological Information.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem code: Not applicable.

Extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder). Do not use water jets.

Specific hazards arising from the substance or mixture: Non-combustible material.

Advice for firefighters: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours.

Environmental precautions: Do not let product enter drains. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and material for containment and cleaning up

Small spills: Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

Large spills: Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Reference to other sections: Refer to Section 13 for Disposal Considerations.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid skin and eye contact and inhalation of vapour.

Conditions for safety storage, including any incompatibilities: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Specific end use: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Ensure that eyewash stations and safety showers are close to the workstation location.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational exposure limits: No Workplace Exposure Standard values have been assigned for this specific material by the Health and Safety Executive (HSE).

However, for:

	WES-TWA		WES-STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Trimethoxyvinylsilane	-	-	10	60	-	-

Assigned by Canada.

As published by GESTIS International Limit Values (http://limitvalue.ifa.dguv.de/WebForm_gw2.aspx).

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too 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 the directions for use on the product label 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.

Biological monitoring: No biological monitoring required.

Exposure Controls

Engineering Controls: Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards.

Personal Protection Equipment: BLUE: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Personal protective equipment should be used only when other control measure (eg. elimination, substitution, isolation and engineering controls) have been found to be impractical or in conjunction with one or more control measures.

Manufacturing, Packing and Transport: Wear overalls, chemical goggles and impervious gloves. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of HSE Respiratory Protective Equipment at Work HSGE53.

Recommendations for consumer use: Wear safety glasses and gloves. Wash hands after use.

Environmental Exposure Controls: Use only in well ventilated areas. Keep containers closed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance and odour: Coloured paste with a mild, characteristic odour.

Solubility:	Practically insoluble in water.
Specific Gravity (20 °C):	1.54
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Oxidising Properties:	N App
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Explosive Properties:	N App
Initial Boiling Point/Range (°C):	N Av
Decomposition Point (°C):	N Av
Melting Point/Freezing Point (°C):	N Av
pH:	N Av
Viscosity:	>21 mm ² /sec
Partition Coefficient:	N Av
Evaporation Rate (n-Butyl acetate=1):	N Av
Total VOC (g/Litre):	0.0

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Product cures on contact with water.

Chemical stability: This material is thermally stable when stored and used as directed.

Possibility of hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures.

Incompatible materials: Oxidising agents and water.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product 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:

Information on Toxicological Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and abdominal pain.

Eye contact: An eye irritant.

Acute toxicity

Inhalation: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: Based on available data this material has been classified as a Category 2A Hazard (reversible effects to eyes).

For the constituent:

N-(3-(trimethoxysilyl)propyl)ethylenediamine:

Irritant test (rabbit): Corrosive.

Skin: Based on available data this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: Based on available data this material has been classified as not a respiratory sensitiser.

Skin: Based on available data this material has been classified as a Category 1 Hazard (skin sensitiser).

For the constituent:

N-(3-(trimethoxysilyl)propyl)ethylenediamine:

Maximisation test (guinea pig): Strongly sensitising.

Aspiration hazard: Based on conclusive data this material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): Based on available data this material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: Based on available data this material has been classified as non-hazardous.

Carcinogenicity: Based on available data this material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): Based on available data this material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): Based on available data this material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Toxicity

Acute: No information is available to complete an assessment.

Chronic: No information is available to complete an assessment.

Persistence and degradability: No information available.

Bio-accumulative potential: No information available.

Mobility in soil: Low mobility in soil. Product cures on contact with air/water.

Results of PBT and vPvB assessment: A PBT/vPvB assessment is not required for this material.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: 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 the countries' Environmental Protection Authority.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of "The European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)", "The Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)" and "The European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)".

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Special Precautions for User: Not applicable.

Transport in Bulk according to Annex II MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: This Safety Data Sheet has been written in accordance with Regulation (EC) No. 1272/2008 (CLP) and ECHA corresponding Guidance on the Classification, Labelling and Packaging of Substances and Mixtures (2015, Version 4,1)

All the constituents of this material are listed on the European Chemicals Agency C&L Inventory.

This material is not subject to the following international agreements

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL)

Chemical safety assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. OTHER INFORMATION

Indications of changes: First Issue

Literatures sources and abbreviations

CLP	Classification, Labelling and Packaging
EC	European Commission
EC No.	EINECS Number
ECHA	European Chemicals Agency
HSE	Health and Safety Executive
H226	Flammable liquid and vapour
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
PVT	Persistent, Bioaccumulative and Toxic
vPVB	Very Persistent and very Bioaccumulative

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

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 Craig and Rose Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this 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.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

End of SDS.