SX Mighty Strength

Grip&Grab Adhesive



HEALTH & SAFETY DATA

BASED ON MANUFACTURER SDS REV 1.02 DATED 23/09/2026 ISSUED: 28/10/2026

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT IDENTIFIER

Trade name: SX MIGHTY STRENGTH GRIP & GRAB ADHESIVE

Manufacturer's name: Siroflex Mighty Strength Grip and Grab White

RECOMMENDED USE

Adhesives and/or sealants

USES ADVISED AGAINST

Articles intended for direct or prolonged skin contact; toys or childcare articles; fabrics, textiles and apparel (bedding, clothing); gloves; footwear; paper products (tissues, towels, disposable dinnerware, nappies, hygiene products, writing paper). Reason: contains a substance restricted under EU REACH Annex XVII.

MANUFACTURER

SIROFLEX LIMITED (a Bostik company)
Dodworth Business Park
Barnsley, South Yorkshire S75 3SP
United Kingdom
Tel: +44 (0)1226 771600
Email: SDS.box-EU@bostik.com

AUSTRALIAN SUPPLIER

CPH Group
www.cphgroup.com.au
sales@cphgroup.com.au

EMERGENCY TELEPHONE NUMBER

03 5275 0800
Poisons Information Centre: 13 11 26 (24 hours)

2 HAZARDS IDENTIFICATION

CLASSIFICATION

Not classified as hazardous according to the criteria of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), as adopted in Australia under the Work Health and Safety Regulations. Not a Dangerous Good under the Australian Dangerous Goods (ADG) Code.

LABEL ELEMENTS

Hazard pictograms: None
Signal word: None
Hazard statements: None

ADDITIONAL INFORMATION

Contains trimethoxyvinylsilane, N-(3(trimethoxysilyl)propyl) ethylenediamine and N-[3(dimethoxymethylsilyl)propyl]-ethylenediamine. May produce an allergic reaction. Safety data sheet available on request.

OTHER HAZARDS

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released during curing.

PBT: Not applicable
vPvB: Not applicable

3 COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of the substances listed below with non-hazardous additions.

Ingredient	CAS	% w/w
Trimethoxyvinylsilane	2768-02-7	1 – <2.5
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	0.1 – <1
Dioctyltin oxide	870-08-6	0.1 – <0.5
N-[3-(Dimethoxymethylsilyl)propyl]-ethylenediamine	3069-29-2	0.1 – <0.5
Other ingredients not hazardous	–	to 100

Ingredient hazard statements are listed in Section 16.

4 FIRST AID MEASURES

General information: Show this sheet to the doctor in attendance. Have the product container or label at hand. For advice, contact the Poisons Information Centre on 13 11 26.

AFTER INHALATION

Move to fresh air. If symptoms persist, call a doctor.

AFTER SKIN CONTACT

Wash skin with soap and water. If skin irritation or an allergic reaction

AFTER EYE CONTACT

Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing.

AFTER SWALLOWING

Small amounts of toxic methanol are released by hydrolysis. Call a doctor or the Poisons Information Centre immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS AND EFFECTS

None known.

NOTE TO DOCTOR

Treat symptomatically. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released during curing.

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5 FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.

UNSUITABLE EXTINGUISHING MEDIA

Full water jet.

SPECIAL HAZARDS ARISING FROM THE MIXTURE

Thermal decomposition can release irritating gases and vapours. Hazardous combustion products: carbon oxides, carbon monoxide,carbon dioxide, nitrogen oxides (NOx), silicon dioxide.

ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus if necessary.

Hazchem code: None allocated.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Use the personal protective equipment in Section 8. Ensure adequate ventilation. Avoid contact with eyes, skin and clothing.

ENVIRONMENTAL PRECAUTIONS

Prevent product entering drains. Do not allow to enter soil or subsoil.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN-UP

Do not scatter spilled material with high-pressure water. Take up mechanically and place in suitable containers for disposal. Residues that cannot be recycled are disposed of as chemical waste. Collect solvent washings from equipment cleaning and dispose of as solvent waste.

REFERENCE TO OTHER SECTIONS

See Section 8 for personal protective equipment and Section 13 for disposal.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

CONDITIONS FOR SAFE STORAGE

Keep containers tightly closed in a cool, well-ventilated place. Protect from moisture. Keep away from food, drink and animal feed.

Storage temperature: Between 10 °C and 35 °C.

Specific end use: Adhesives and/or sealants. Observe the technical data sheet.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released during curing.

For workplace exposure limits, refer to the current Safe Work Australia list for:

Calcium carbonate (dust)	CAS 471-34-1
Methanol	CAS 67-56-1
Dioctyltin oxide	CAS 870-08-6

ENGINEERING CONTROLS

Ensure adequate ventilation, especially in confined areas.

PERSONAL PROTECTIVE EQUIPMENT

Eye protection: Safety glasses with side shields, or goggles (AS/NZS1337.1).

Hand protection: Neoprene, nitrile rubber or butyl rubber gloves, thickness>0.7 mm (AS/NZS 2161). Breakthrough time is generally >480 minutes. Check breakthrough times for specific gloves with the glove supplier.

Skin and body protection: None required under normal use.

Respiratory protection: Not required with adequate ventilation. If ventilation is inadequate, wear a respirator with a Type A (organic vapour) /P2 filter or better (AS/NZS 1715 and AS/NZS 1716).

ENVIRONMENTAL EXPOSURE CONTROLS

Do not allow uncontrolled discharge of the product into the environment.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste (solid)
Colour:	White
Odour:	Characteristic
pH-value:	No data available
Melting / freezing point:	No data available
Boiling point / range:	No data available
Flash point:	> 60 °C
Flammability:	No data available
Explosion limits:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	None known
Vapour pressure:	No data available
Density:	1.54 g/cm³
Water solubility:	Insoluble. Cures with moisture.
Partition coefficient:	No data available
Kinematic viscosity:	> 21 mm²/s
VOC content:	36.1 g/L



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10 STABILITY AND REACTIVITY

Reactivity: Product cures with moisture.
Chemical stability: Stable under normal conditions. Not sensitive to mechanical impact or static discharge.
Possibility of hazardous reactions: None under normal processing.
Conditions to avoid: Moisture, and prolonged exposure to air or moisture. Do not freeze. Keep away from open flames, hot surfaces and ignition sources.
Incompatible materials: None known.
Hazardous decomposition products: None under normal use. Small amounts of methanol are released during curing.

11 TOXICOLOGICAL INFORMATION

Based on available data, the classification criteria are not met for: acute toxicity, skin corrosion/irritation, serious eye damage/irritation, respiratory or skin sensitisation, germ cell mutagenicity, carcinogenicity, reproductive toxicity, STOT single exposure, STOT repeated exposure, aspiration hazard, and endocrine-disrupting properties.

LIKELY ROUTES OF EXPOSURE

Inhalation, eye contact and ingestion: classification criteria not met.
Skincontact: classification criteria not met; may cause sensitisation in susceptible persons.

SENSITISATION

Product tested to OECD 406 (guinea pig, dermal): no sensitisation responses observed. No classification proposed, based on conclusive negative data

ACUTE TOXICITY ESTIMATES (MIXTURE)

ATEmix (oral): 21,948.10 mg/kg
ATEmix (dermal): > 2,000 mg/kg
ATEmix (inhalation, gas): > 20,000 ppm
ATEmix (inhalation, dust/mist): > 5 mg/L
ATEmix (inhalation, vapour): 471.50 mg/L

INGREDIENT DATA

Trimethoxyvinylsilane
Oral LD50: 7,120–7,236 mg/kg (rat). Dermal LD50: 3,540 mg/kg (rabbit). Inhalation LC50 (4 h): 16.8 mg/L (rat).

N-(3-(trimethoxysilyl)propyl)ethylenediamine
Oral LD50: 2,295 mg/kg (rat). Dermal LD50: > 2,000 mg/kg (rat). Inhalation LC50 (4 h, aerosol): 1.5–2.44 mg/L.

Dioctyltin oxide
Oral LD50: 2,500 mg/kg (rat). Dermal LD50: > 2,000 mg/kg (rat). Repeated oral dosing in rats (OECD 422) affected the immune system at0.3–0.5 mg/kg bw/day.

N-[3-(Dimethoxymethylsilyl)propyl]-ethylenediamine
Oral LD50: 200–2,000 mg/kg (rat). Dermal LD50: > 5,000 mg/kg (rabbit).
Inhalation LC50 (4 h): > 5.2 mg/L (rat).

12 ECOLOGICAL INFORMATION

Based on available data, the classification criteria are not met.

AQUATIC TOXICITY (INGREDIENTS)

Ingredient	Fish LC50 (96 h)	Daphnia EC50 (48 h)
Trimethoxyvinylsilane	191 mg/L	168.7 mg/L
N-(3-(trimethoxysilyl)propyl)ethylenediamine	597 mg/L	81 mg/L
Dioctyltin oxide	> 0.09 mg/L	> 0.21 mg/L

Persistence and degradability: Trimethoxyvinylsilane and dioctyltin oxide are not readily biodegradable (OECD 301F).
Bioaccumulative potential: Partition coefficient (log Kow): trimethoxyvinylsilane 1.1; N-(3-(trimethoxysilyl)propyl)ethylenediamine −0.3; dioctyltin oxide 6.
Mobility in soil: No information available.
PBT / vPvB: Not applicable.
Do not allow undiluted product or large quantities to reach groundwater,waterways or sewage systems.



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13 DISPOSAL CONSIDERATIONS

Recommendation: Dispose of contents and container in accordance with local, state and federal regulations.
Contaminated packaging: Handle in the same way as the product.

14 TRANSPORT INFORMATION

UN number:	ADG, IMDG, IATA: Not regulated
Proper shipping name:	ADG, IMDG, IATA: Not regulated
Transport hazard class:	ADG, IMDG, IATA: Not regulated
Packing group:	ADG, IMDG, IATA: Not regulated
Hazchem code:	None allocated
Environmental hazards:	Not applicable. Not a marine pollutant.
Bulk transport (MARPOL / IBC):	Not applicable

15 REGULATORY INFORMATION

Dangerous Goods: Not a Dangerous Good under the ADG Code.
Poisons Standard (SUSMP): Not scheduled.
Other: Contains dioctyltin oxide (CAS 870-08-6), a substance restricted under EU REACH Annex XVII (entry 20). See uses advised against in Section 1.
Chemical safety assessment: Not carried out for this mixture

16 OTHER INFORMATION

This information is based on the manufacturer's data and our present knowledge. It does not guarantee any specific product features and does not establish a legally valid contractual relationship.

INGREDIENT HAZARD STATEMENTS (SECTION 3)

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H371	May cause damage to organs
H373	May cause damage to organs through prolonged or repeated exposure

Source: Siroflex Ltd SDS, revision 1.02, 23/09/2026 (supersedes 13/10/2025).
Replaces: Grip & Grab Health & Safety Data, 29/10/2020, ref 0266.5.HS/KG
Abbreviations: ADG: Australian Dangerous Goods Code. ATE: acute toxicity estimate. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. PBT: persistent, bioaccumulative and toxic. STOT: specific target organ toxicity. SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons. VOC: volatile organic compounds. vPvB: very persistent and very bioaccumulative.