

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Sabre Grip S25
 Product Use: Adhesive.

New Zealand Supplier: Maxilam
 Address: 35-39 Tiro Tiro Rd
 Levin, 5540, New Zealand

Telephone: +64 (0)6 366 0007
 Fax Number: +64 (0)6 368 0766
NZ Emergency No: **0800 766 764 (National Poison Centre)**

Date SDS Issued: 10 November 2014

Section 2. Hazards Identification

This substance is hazardous according to The *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval Code: Surface Coatings and Colourants (Toxic [6.7]) - HSR002679

Pictograms



Toxic



Chronic

SIGNAL WORD: WARNING

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
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6.1E (oral)	H303	May be harmful if swallowed.	Category 5
6.3A	H315	Causes skin irritation.	Category 2
6.4A	H319	Causes serious eye irritation.	Category 2A
6.7B	H351	Suspected of causing cancer	Category 2
6.9B	H373	May cause damage to lungs through prolonged or repeated exposure	Category 2
9.3C	H433	Harmful to terrestrial vertebrates.	None allocated

Prevention Code Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P202	Do not handle until all safety precautions have been read and understood.

P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe fumes, gas or vapours.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.
P270	Do not eat, drink or smoke when using this product.
P281	Use personal protective equipment as required.

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P331	Do NOT induce vomiting.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
P405	Store locked up.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Disposal Code	Disposal Statement
P501	Dispose of according to the local authorities

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Methylene Chloride	60-70	75-09-2
1,1,1,2 Tetrafluoroethane	5-15	811-97-2
Dimethyl Ether	<10%	115-10-6

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Apply continuous irrigation with water for at least 15 minutes holding eyelids apart. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Remove contaminated clothing and continue washing. Contaminated clothing should be washed before reuse. Seek medical attention if needed.
If Swallowed	IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor if you feel unwell.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Flammable liquid or vapour
Hazards from products	Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.
Suitable Extinguishing media	Dry Chemical, CO ₂ .
Precautions for firefighters and special protective clothing	Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).
HAZCHEM CODE	2TE

Section 6. Accidental Release Measures

Wear full protective gear as detailed in Section 8. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Use only with non sparking tools. Ventilate the area with fresh air. For large spills, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practices. **WARNING!** A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn and explode. Contain spill. Cover spill area with fire-extinguishing foam. Working from around the edges of the spill inward, cover with bentonite, vermiculite or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible using non-sparking tools. Collect waste and dispose of in accordance with local, state and federal laws and regulations.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Read safety data sheet before use
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Do not eat, drink or smoke when using this product.
- Pressurized container: Do not pierce or burn, even after use.
- Do not breathe fumes, gas or vapours.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Provide adequate ventilation. If ventilation is not adequate, use respiratory protective equipment.
- Wear protective clothing.
- Use personal protective equipment as required.

Storage

- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Section 8 Exposure Controls / Personal Protection

Exposure Limit Values:

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Methylene Chloride	100	350	300	1060
1,1,1,2-Tetrafluoroethane (HCF 134a)	1000	-	-	-
Dimethylether (2001)	400	766	500	958

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *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 change, 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.

Engineering Controls

Use only in well ventilated areas. Provide appropriate local exhaust ventilation on open containers. Do not use in a confined area or areas with little or no air movement. Use general ventilation and/or local exhaust ventilation. If ventilation is not adequate, use protection equipment.

Personal Protection

Respiratory Protection

Conduct air monitoring to determine adequacy of ventilation and the need for respiratory protective equipment. If ventilation is inadequate select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half facepiece or fullface pressure demand self-contained breathing apparatus. Consult your personal protection supplier for further information.

Hand Protection

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended:
Polyvinyl Alcohol (PVA), Polyethylene/Ethylene Vinyl Alcohol.

Eye Protection

Safety Glasses with side shields. Indirect Vented Goggles.

Section 9 Physical and Chemical Properties

Physical State	Clear red or green in clour
Odour	Organic Solvent
Specific Gravity	1.17 ± 0.02 gm/cc
Solubility in Water:	Negligible
Volatile Organic Compounds	<5%
VOC Less H²O and Exempt Solvents	<126 g/liter

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions
Conditions to Avoid	Avoid heat, flames and other sources of ignition
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	

Substance	Condition
Aldehydes	During Combustion
Hydrocarbons	During Combustion
Carbon Monoxide	During Combustion

Section 11 Toxicological Information**Acute Exposure:**

Oral = LD₅₀ = 2014mg/kg (rat) = May be harmful if swallowed.

Skin: This product causes skin irritation.

Eyes: This product cause serious eye irritation.

Chronic:

Carcinogenic: Suspected of causing cancer.

Systematic: May cause damage to lungs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

HSNO Classes: 9.3C = Harmful to terrestrial vertebrates.

Do not allow to enter waterways.

Section 13. Disposal Considerations

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport: NZS 5433:2012

**Road and Rail Transport**

UN No:	3500
Class-primary	2.2
Packing Group	None Allocated
Proper Shipping Name:	CHEMICAL UNDER PRESSURE, N.O.S.

Air Transport

UN No:	3500
Class-primary	2.2
Packing Group	None Allocated
Proper Shipping Name:	CHEMICAL UNDER PRESSURE, N.O.S.

Marine Transport

UN No:	3500
Class-primary	2.2
Packing Group	None Allocated
Proper Shipping Name:	CHEMICAL UNDER PRESSURE, N.O.S.

Section 15 Regulatory Information

EPA Approval Code:

Canister:

Surface Coatings and Colourants (Toxic [6.7]) – HSR002679

HSNO Classification: 6.1E, 6.3A, 6.4A, 6.7B, 6.9B, 9.3C

HSNO Controls in New Zealand:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	10 000L (9.3C)
Emergency Response Plan trigger Quantities	10 000L (6.7B)

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

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Please contact the New Zealand distributor, Maxilam, if further information is required.

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