

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Sabre Grip PG1400
 Product Use: Sprayable Contact 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
Emergency No: **0800 764 766 (National Poison Centre)**

Australian Supplier: Maxilam NZ
 Address: 100 Silverwater Road, Sydney, NSW
 Telephone No: +61 2 9098 8244
Emergency No: **13 11 26 (National Poison Line)**

Date SDS Issued: 21 October 2015

Section 2. Hazards Identification

Australia NOHSC – Is hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

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

NZ - EPA Approval Code: Surface Coatings and Colourants (Flammable) - HSR002662

Pictograms



Flammable Toxic/ Irritant Chronic Ecotoxic

SIGNAL WORD: DANGER

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
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3.1B	H225	Highly flammable liquid and vapour.	Category 2
6.1D (oral)	H302	Harmful if swallowed.	Category 4
6.1E (asp)	H304	May be fatal if swallowed and enters airways.	Category 1
6.3A	H315	Causes skin irritation.	Category 2
6.4A	H319	Causes serious eye irritation.	Category 2A
6.8B	H361	Suspected of damaging fertility or the unborn	Category 2

		child	
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	Category 2
9.1B	H411	Toxic to aquatic life with long lasting effects.	Category 2
9.3C	H433	Harmful to terrestrial vertebrates.	-

Prevention Code Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes and vapours.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective clothing.
P281	Use personal protective equipment as required.

Response Code Response Statement

P330	Rinse mouth.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use Carbon Dioxide, (CO ₂), Dry Chemical, Foam for extinction.

Storage Code Storage Statement

P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal Code Disposal Statement

P501	Dispose of according to the local authorities
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Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Toluene	10-<30	108-88-3
Acetone	10 - <30	67-64-1
Naphtha (petroleum) hydrotreated light	30-60	64742-49-0
Non-hazardous ingredients	To 100	

Section 4. First Aid Measures

Product Name: Sabre Grip PG1400
Date of SDS: 21 October 2015

Issued by: Technical Compliance Consultants (NZ) Ltd
Tel: +64 9 475 5240 WWW.techcomp.co.nz

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	Take off contaminated clothing and wash before re-use. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	Rinse mouth. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.
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.
Notes to physician	Treat symptomatically. Effects may be delayed. Delayed pulmonary oedema may result. Take care to avoid aspiration.

Section 5. Fire Fighting Measures

Hazard Type	Highly Flammable Liquid
Hazards from products	May produce oxides of carbon and nitrogen as well as hydrogen chloride smoke and other toxic fumes.
Suitable Extinguishing media	Carbon Dioxide, (CO ₂), Dry Chemical, Foam
Precautions for firefighters and special protective clothing	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing (overalls, gloves and boots) if there is a risk of exposure to vapour or products of combustion. May form flammable vapour mixtures with air. Flameproof equipment is necessary in areas where this product is being used. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all sources of ignition and eliminate potential sources (eg: open flames, pilot lights, furnaces, spark producing switches, electrical equipment) near the work area. NO Smoking. Take precautions against static electricity discharges. Earth and bond all process equipment, including tanks and drums. Containers can build up pressure and explode if exposed to fire. Containers should be cooled with water spray. If safe to do so, remove containers from path of fire.
HAZCHEM CODE	3YE

Section 6. Accidental Release Measures

Small Spills

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rags or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large Spills

Extinguish or remove all sources of ignition and shut off source of leak if safe to do so. Clear area of all unnecessary personnel. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Slippery when wet. Work upwind to increase ventilation. Dam and contain spill with non-combustible absorbent inert material (vermiculite,

dry sand or earth), using non-sparking tools and equipment. Do not flush or allow spillage to enter into drains sewers or watercourses - inform local authority if this occurs. Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste.

Section 7. Handling and Storage

Handling:

- Keep out of reach of children.
- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe fumes and vapours.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear protective clothing.
- Use personal protective equipment as required.

Storage:

- Store locked up.
- Store in a cool, dry, well ventilated place and out of direct sunlight.
- Isolate from incompatible materials detailed in Section 10.

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
Toluene (skin)	[108-88-3]	50	188	-	-
Acetone (bio)	[67-64-1]	500	1,185	1,000	2,375

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 in well ventilated areas. Ensure ventilation is adequate to maintain air concentrations below the Exposure Standards. Use local exhaust system or wear appropriate vapour mask/respirator. Use only flame-proof equipment. Avoid build-up of vapour in hollows or sumps as vapour is heavier than air. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal Protection Equipment

Respiratory Protection

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Use with adequate ventilation. Wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716, particularly if inhalation risk exists.

Skin Protection

Wear overalls and chemical resistant gloves (Nitrile Rubber should be adequate for intermittent contact). Consult local glove supplier if required. Wash hands thoroughly with soap and water after use. Wash contaminated overalls before reuse.

Eye Protection

Wear chemical goggles with side shields.

Section 9 Physical and Chemical Properties

Appearance	Amber or Red liquid
Odour	Solvent
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	50 ⁰ C (acetone)
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	-17 ⁰ C
Flammability	Not applicable
Upper and Lower Explosive Limits	1.0 – 7.0
Vapour Pressure (15⁰C)	25kPa (acetone)
Vapour Density (air=1)	>1
Specific Gravity	0.83 approx
Solubility in water	Insoluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	>200 ⁰ C
Viscosity	300 – 400 cPs
Percent Volatile	70-90
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Avoid heat, sparks, flames and any other sources of ignition.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Oxides of carbon, nitrogen, smoke and other toxic fumes.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Harmful if swallowed. Swallowing can result in nausea, vomiting and gastrointestinal irritation.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes severe irritation to eyes.
Skin	Causes skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	Not applicable.
Aspiration	May be fatal if swallowed and enters airways. May cause lung damage if swallowed. If aspirated into the respiratory system during ingestion or vomiting, may cause bronchopneumonia or pulmonary oedema.
STOT/SE	Not applicable.
STOT/RE	Causes damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

New Zealand:

HSNO Classes : 9.1B = Toxic to aquatic life with long lasting effects.
9.3C = Harmful to terrestrial vertebrates.

Persistence and degradability	Toluene is rapidly biodegradable (meets 10 day window criterion) and oxidises by photochemical oxidation in air
Bioaccumulation	Toluene does not bioaccumulate significantly. Acetone has negligible potential to bioaccumulate.
Mobility in Soil	Toluene floats on water and will be highly mobile in soil. It may contaminate ground water.
Other adverse effects	No data available

Do not allow to enter waterways.

Section 13. Disposal Considerations

- Substance Disposal** Do not dispose of down drains or into local waterways. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor. Ensure waste container is labelled "Hazardous Waste – Flammable, Ecotoxic". Not suitable for incineration unless by an approved agent. Dried product is not hazardous and may be disposed of with general waste.
- Container Disposal** Empty containers of dried waste are not hazardous. Consider the possible fire hazard from un-dried residues. Dispose of bulk waste to a hazardous or special waste collection point.
Beware: Empty flammable liquid drums present an explosion hazard if cut by flame or welding torch. Ensure drums are thoroughly cleaned and ventilated.
- Local Legislation** Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other applicable regional and national laws and regulations.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in Australia; ADG 7
This product is classified as a Dangerous Good for transport: NZS 5433:2012

Road and Rail Transport

UN No: 1133

Class-primary 3
Packing Group II
Proper Shipping Name: ADHESIVES CONTAINING FLAMMABLE LIQUID

Air Transport

UN No: 1133
Class-primary 3
Packing Group II
Proper Shipping Name: ADHESIVES CONTAINING FLAMMABLE LIQUID

Marine Transport

UN No: 1133
Class-primary 3
Packing Group II
Proper Shipping Name: ADHESIVES CONTAINING FLAMMABLE LIQUID

Section 15 Regulatory Information

Australia:

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No: Schedule 5

New Zealand:

EPA Approval Code:

Surface Coatings and Colourants (Flammable) – HSR002662

HSNO Classification: 3.1B, 6.1D(oral), 6.1E(asp), 6.3A, 6.4A, 6.8B, 6.9B, 9.1B, 9.3C

HSNO Controls in New Zealand:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	≥250L if container is ≥5L ≥500L if container is ≤5L
Location Certificate	100L (>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	250L (3.1B)
Emergency Response Plan trigger Quantities	1000L (3.1B)
Secondary Containment	1000L (3.1B)
Restrictions of use	None

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice

Disclaimer

This document has been issued by the TCC(NZ) Ltd and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to the TCC(NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC(NZ) Ltd have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or

completeness. As far as lawfully possible, TCC(NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the distributor if further information is required.

Issue Date: 21 October 2015

Review Date: 21 October 2020