

Section 1 - Identification of The Material and Supplier**Simseal**

PO Box 5280 Daisy Hill 4127 QLD

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1300 SILICONE

Chemical nature: Adhesive
Trade Name: Carpet Grip Adhesive
Product Use: Professional use
Creation Date: May, 2023
This version issued: May, 2023 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 - Hazards Identification**Statement of Hazardous Nature**

H225 - Highly flammable liquid and vapour.

H315 - Causes skin irritation.

H31 - May cause an allergic skin reaction.

H336 - May cause drowsiness or dizziness.

H361 - Suspected of damaging fertility. Suspected of damaging the unborn child. (inhalation).

H3 3 - May cause damage to organs (nervous system, central nervous system) through prolonged or repeated exposure (inhalation).

H411 - Toxic to aquatic life with long lasting effects.

GHS Signal word: Danger**Precautionary Statement**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P2 1 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P321 - Specific treatment (see supplemental first aid instruction on this label).

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
toluene substance with a Community workplace exposure limit	108-88-3	30 50
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64 42-49-0	10 30
P-TERT-BUTYLPHENOL-FORMALDEHYDE RESIN	25085-50-1	1 10

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

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Section 4 - First Aid Measures

General Information:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment..

Inhalation: Move person to fresh air, if effects occur, consult a physician.

Skin Contact: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including articles such as shoes, belts and watchbands.

Eye Contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly with water.

Treat symptomatically and supportively.

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: Highly flammable liquid and vapour. Toxic fumes may be released.

Extinguishing Media: Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Water spray.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Section 6 - Accidental Release Measures

Emergency procedures : Remove all sources of ignition. Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

Avoid release to the environment.

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Section 7 - Handling and Storage

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage conditions : Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

	WEL TWA (mg/m ³)	STEL (mg/m ³)
toluene (108-88-3)	192 mg/m ³	384 mg/m ³
n-hexane (110-54-3)	2 mg/m ³	-
cyclohexane (110-82-7)	00 mg/m ³	-

Appropriate engineering controls:

Ensure good ventilation of the work station.

Eye protection:	Safety glasses
Skin and body protection:	Wear suitable protective clothing
Hand protection:	Protective gloves
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment

Avoid release to the environment.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Liquid
Odour:	Characteristic.
Boiling Point:	68 C
Flash Point:	23 C
Viscosity inematic:	40 mm /s
Viscosity Dynamic:	1400 1 00 cP
Vapour Density:	No data.
Relative Density:	0.83
Water Solubility:	No data.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water distribution:	No data
Autoignition temp:	No data.

Section 10 - Stability and Reactivity

Reactivity: Highly flammable liquid and vapour.

Conditions to Avoid: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatibilities: No additional information available

Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous Reactions: No dangerous reactions known under normal conditions of use.

Chemical Stability: Stable under normal conditions.

Section 11 - Toxicological Information

Skin Corrosion/ Irritation:	Prolonged exposure likely to cause skin irritation. May cause skin irritation due to mechanical abrasion.
Serious eye damage/eye irritation:	May cause eye irritation. Corneal injury is unlikely. Solid or dust may cause irritation or corneal injury due to mechanical action
Skin and Respiratory Sensitization:	Contains component(s) which have caused allergic skin sensitization.

May cause drowsiness or dizziness.

Section 12 - Ecological Information

Ecology - general:	Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Toxic to aquatic life with long lasting effects.

Not rapidly degradable

Section 13 - Disposal Considerations

Disposal: Dispose of contents/container in accordance with licensed collector s sorting instructions. Flammable vapours may accumulate in the container.

Section 14 - Transport Information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR

UN number	UN 1133
UN proper shipping name	ADHESIVES (containing flammable liquid)
Transport document description	UN 1133 ADHESIVES (containing flammable liquid), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS
Transport hazard class(es)	3



Packing group	II
Environmental hazards	Dangerous for the environment : Yes

IMDG

UN number	UN 1133
UN proper shipping name	ADHESIVES (containing flammable liquid)
Transport document description	UN 1133 ADHESIVES (containing flammable liquid), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS
Transport hazard class(es)	3



Packing group	II
Environmental hazards	Dangerous for the environment : Yes Marine pollutant : Yes

IATA**UN number****UN proper shipping name****Transport document description****Transport hazard class(es)**

UN 1133

ADHESIVES (containing flammable liquid)

UN 1133 ADHESIVES (containing flammable liquid), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS

3

**Packing group****Environmental hazards**

II

Dangerous for the environment : Yes

ADN**UN number****UN proper shipping name****Transport document description****Transport hazard class(es)**

UN 1133

ADHESIVES (containing flammable liquid)

UN 1133 ADHESIVES (containing flammable liquid), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS

3

**Packing group****Environmental hazards**

II

Dangerous for the environment : Yes

RID**UN number****UN proper shipping name****Transport document description****Transport hazard class(es)**

UN 1133

ADHESIVES (containing flammable liquid)

UN 1133 ADHESIVES (containing flammable liquid), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS

3

**Packing group****Environmental hazards**

II

Dangerous for the environment : Yes

Special precautions for user**Overland transport**

Classification code (ADR) :

F1

Special provisions (ADR) :

640D

Limited quantities (ADR) :

5I

Excepted quantities (ADR) :

E2

Packing instructions (ADR) :

P001, IBC02, R001

Special packing provisions (ADR) :

PP1

Mixed packing provisions (ADR) :

MP19

Portable tank and bulk container instructions (ADR) :

T4

Portable tank and bulk container special provisions (ADR):

TP1, TP8

Tank code (ADR) :

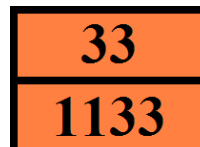
LGBF

Vehicle for tank carriage :

FL

Overland transport

Transport category (ADR) : 2
Special provisions for carriage - Operation (ADR) : S2, S20
Hazard identification number (Kemler No.) : 33
Orange plates:



Tunnel restriction code (ADR) : D/E
EAC code : •3YE

Transport by sea

Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP8
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-D
Stowage category (IMDG) : B
Properties and observations (IMDG) :

Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 640D
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E2
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 640D
Limited quantities (RID) : 5L
Excepted quantities (RID) : E2
Packing instructions (RID) : P001, IBC02, R001
Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19

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Rail transport

Portable tank and bulk container instructions (RID) :	T4
Portable tank and bulk container special provisions (RID) :	TP1, TP8
Tank codes for RID tanks (RID) :	LGBF
Transport category (RID) :	2
Colis express (express parcels) (RID) :	CE7
Hazard identification number (RID) :	33

Section 15 - Regulatory Information

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list $\geq 0,1$ % / SCL

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

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THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Guarantee/Warranty:

We warrant our products to be free of defects and manufactured to rigid quality control specification. As it is impossible

to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for caused by discolouration or yellowing due to vapour or chemicals caused by painting or chemicals to cause reaction to the product or labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.

Warning

Although the technical details and recommendations contained in the product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason,, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application, In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.

Legal Notice

The contents of this SDS may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the SDS in force at the time of the Simseal product installation. The most up-to-date TDS & SDS can be downloaded from our website www.simseal.com.au

Any alteration to the wording or requirements contained or derived from this SDS excludes the responsibility of Simseal.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011) Copyright © Kilford & Kilford Pty Ltd, January, 2021.

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