



SAFETY DATA SHEET

TENSORGRIP L22 SPRAY CONTACT ADHESIVE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name TENSORGRIP L22 SPRAY CONTACT ADHESIVE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier QUIN GLOBAL (UK) LTD
PO BOX 7634
PERTH
PH2 1GA
technical.uk@quinglobal.com
+44 (0)845 381 2233

1.4. Emergency telephone number

Emergency telephone +44 (0)845 381 2233 (Mon - Fri) 09:00 - 16:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 2 - H223, H229
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) Xi; R36. N; R50. R52/53, R10, R67

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements

H223 Flammable aerosol.
H229 Pressurised container: may burst if heated
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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Contains	METHYL ACETATE, NAPTHA (PETROLEUM), HYDROTREATED LIGHT
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

METHYL ACETATE			30-60%
CAS number: 79-20-9	EC number: 201-185-2	REACH registration number: 01-2119459211-47-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225		F;R11 Xi;R36 R66 R67	
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
DIMETHYL ETHER			10-30%
CAS number: 115-10-6	EC number: 204-065-8	REACH registration number: 01-2119472128-37-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220		F+;R12	
Press. Gas, Liquefied - H280			
COMPRESSED GAS			5-10%
CAS number: 124-38-9	EC number: 204-696-9		
Classification		Classification (67/548/EEC or 1999/45/EC)	
Press. Gas, Compressed - H280		-	
NAPTHA (PETROLEUM), HYDROTREATED LIGHT			5-10%
CAS number: 64742-49-0	EC number: 265-151-9	REACH registration number: 01-2119475133-43-XXXX	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225		Xn;R65. Xi;R38. F;R11. N;R51/53. R67.	
Skin Irrit. 2 - H315			
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Get medical attention immediately. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if irritation persists after washing.
Eye contact	Continue to rinse for at least 15 minutes and get medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.
Ingestion	Coughing. May cause chemical burns in mouth and throat. May cause irritation. May cause stomach pain or vomiting.
Skin contact	May cause skin irritation. Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Bonds skin and eyes in seconds. Causes eye irritation. Irritation of eyes and mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Extremely flammable aerosol. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. In case of fire: Toxic and corrosive gases or vapours.
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5.3. Advice for firefighters

Protective actions during firefighting	Do not use water jet as an extinguisher, as this will spread the fire. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. For personal protection, see Section 8. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage.
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6.2. Environmental precautions

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Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. For personal protection, see Section 8. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed, in a cool, well ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

METHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 616 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 770 mg/m³

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m³

COMPRESSED GAS

Long-term exposure limit (8-hour TWA): WEL 5000 ppm 9150 mg/m³

Short-term exposure limit (15-minute): WEL 15000 ppm 27400 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield.

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Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate general and local exhaust ventilation.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Amber.
Odour	Characteristic.
Initial boiling point and range	56°C @
Flash point	-29°C
Evaporation rate	Fast
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.0 Upper flammable/explosive limit: 13
Relative density	0.92 @ 20°C
Auto-ignition temperature	275°C
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not available.
Volatile organic compound	This product contains a maximum VOC content of 299 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
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10.4. Conditions to avoid

Conditions to avoid	Heat, sparks, flames.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Very toxic gases or vapours.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
Inhalation	Irritating to respiratory system.
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	Bonds skin and eyes in seconds. Causes skin and eye irritation.
Eye contact	Bonds skin and eyes in seconds.

SECTION 12: Ecological Information

Ecotoxicity	Harmful to aquatic life with long lasting effects.
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12.1. Toxicity

Toxicity	No data recorded.
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12.2. Persistence and degradability

Persistence and degradability	The product is expected to be biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
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12.4. Mobility in soil

Mobility	Semi-mobile.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
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12.6. Other adverse effects

Other adverse effects	Very toxic to aquatic organisms.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods	Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with national regulations.
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SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3501
UN No. (IMDG)	3501
UN No. (ICAO)	3501
UN No. (ADN)	3501

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)
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Proper shipping name (IMDG) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)

Proper shipping name (ICAO) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)

Proper shipping name (ADN) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 8F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

Transport labels



14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Emergency Action Code 2YE

Hazard Identification Number (ADR/RID) 23

Tunnel restriction code (B/D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 17/02/2016

Revision 6

Supersedes date 08/02/2016

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SDS number 20169

Hazard statements in full

- H220 Extremely flammable gas.
- H223 Flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H229 Pressurised container: may burst if heated
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.