



SAFETY DATA SHEET

TENSORGRIP T30 HIGH PERFORMANCE CONTACT ADHESIVE

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

1.1. Product identifier

Product name TENSORGRIP T30 HIGH PERFORMANCE 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
+44 (0)845 381 2233, technical.uk@quin-global.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 845 381 2233 (09.00 - 16.00) Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Aerosol 1 - H222, H229

Health hazards

Carc. 2 - H351

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi; R36/37/38. Carc. Cat. 3 R40. R42

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated
H351 Suspected of causing cancer.

Precautionary statements

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/container in accordance with national regulations.

Contains

DICHLOROMETHANE

Supplementary precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing vapour/spray.

P271 Use only outdoors or in a well-ventilated area.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337 If eye irritation persists:

P362 Take off contaminated clothing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.1. Substances**

No data required as this is a mixture

3.2. Mixtures

DIMETHYL ETHER	30-60%
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	
DICHLOROMETHANE	30-60%
CAS number: 75-09-2 EC number: 200-838-9 REACH registration number: 01-2119480404-41-XXXX	
Classification	Classification (67/548/EEC or 1999/45/EC)
Carc. 2 - H351	Carc. Cat. 3;R40

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ETHYL ACETATE	5-10%
CAS number: 141-78-6 EC number: 205-500-4 REACH registration number: 01-2119475103-46-XXXX	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67
DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues	5-10%
CAS number: 9016-87-9 EC number: —	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xn;R20. Xi;R36/37/38. R42.

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

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Remove affected person from source of contamination.

Ingestion

Rinse mouth thoroughly with water. Get medical attention.

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Continue to rinse for at least 15 minutes and get medical attention.

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

Coughing, chest tightness, feeling of chest pressure.

Ingestion

Prolonged skin contact may cause redness and irritation.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause severe eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture**Specific hazards**

Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products

Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen chloride (HCl).

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5.3. Advice for firefighters

Protective actions during firefighting

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Unusual Fire and Explosion

Hazards

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions

perumes 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

Absorb spillage with non-combustible, absorbent material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

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

Provide adequate ventilation. Avoid inhalation of vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep away from heat, sparks and open flame. Keep container in a well-ventilated place. Keep container tightly closed. Keep locked up.

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

Long-term exposure limit (8-hour TWA): 200

Short-term exposure limit (15-minute): 400

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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

DICHLOROMETHANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 1060 mg/m³

Sk

ETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m³(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m³(Sen)

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

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. Provide adequate ventilation. Avoid inhalation of vapours. Mechanical ventilation or local exhaust ventilation may be required.

Eye/face protection

Wear chemical splash goggles.

Hand protection

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.

Other skin and body protection

Wear apron or protective clothing in case of contact.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Colour

Blue.

Odour

Characteristic.

Flash point

<-40°C

Upper/lower flammability or explosive limits

: 1.8

Oxidising properties

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Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information

No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No data recorded.

SECTION 12: Ecological Information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

Persistence and degradability

The product is potentially degradable.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

Volatile liquid.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

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Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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

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 22/08/2014

TENSORGRIP T30 HIGH PERFORMANCE CONTACT ADHESIVE

Revision 8

Supersedes date 21/08/2014

Risk phrases in full

R20 Harmful by inhalation.

R36/37/38 Irritating to eyes, respiratory system and skin.

R40 Limited evidence of a carcinogenic effect.

R42 May cause sensitisation by inhalation.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R11 Highly flammable

Irritating to eyes.

Hazard statements in full

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

Disclaimer

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.