

Tensorgrip

SAFETY DATA SHEET

Tensorgrip P301 Non-Flam Non-MC Contact Adhesive

1. Identification

Product identifier

Product name Tensorgrip P301 Non-Flam Non-MC Contact Adhesive

Product number USA

Recommended use of the chemical and restrictions on use

Application Canister Spray Adhesive

Details of the supplier of the safety data sheet

Supplier Quin Global
5710 F St
(402) 731 3636
(402) 731 1473
marketing.us@quin-global.com

Emergency telephone number

Emergency telephone Chemtrec: 1 800 424 9300

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards

Press. Gas, Compressed - H280

Health hazards

Skin Irrit. 2 - H315 Repr. 1B - H360FD STOT SE 3 - H335, H336 STOT RE 2 - H373

Environmental hazards

Not Classified

Human health

The liquid may be irritating to eyes, respiratory system and skin. Symptoms following overexposure may include the following: Headache. Dizziness. Nausea, vomiting.

Label elements

Pictogram



Signal word

Danger

Hazard statements

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H360FD May damage fertility. May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Tensorgrip P301 Non-Flam Non-MC Contact Adhesive

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe vapor/spray.
- P261 Avoid breathing vapor/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see medical advice on this label).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+P403 Protect from sunlight. Store in a well-ventilated place.
- P501 Dispose of contents/container in accordance with national regulations.

Contains

n-Propyl Bromide, 1,1,1,2 Tetraflouroethane (134a)

Other hazards

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

Other hazards

3. Composition/information on ingredients

Substances

Mixture Statement

Mixtures

<p>n-Propyl Bromide CAS number: 106-94-5</p>	<p>60-100%</p>
<p>Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 1B - H360FD STOT SE 3 - H335, H336 STOT RE 2 - H373</p>	
<p>1,1,1,2 Tetraflouroethane (134a) CAS number: 811-97-2</p>	<p>1-5%</p>
<p>Classification Press. Gas, Liquefied - H280 Acute Tox. 4 - H332 Simple Asphyxiant - USH03</p>	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

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General information

Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention.

Skin Contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation

May cause coughing and difficulties in breathing. May cause eye and respiratory system irritation. Overexposure may depress the central nervous system, causing dizziness and intoxication.

Ingestion

Aspiration hazard if swallowed. May be fatal if swallowed and enters airways. Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. May Cause the following effects: Gastrointestinal symptoms, including upset stomach. Central nervous system depression. Nausea, vomiting. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Skin contact

May be absorbed through the skin. Product has a defatting effect on skin. The product is irritating to eyes and skin. A single exposure may cause the following adverse effects: Dryness and/or cracking.

Eye contact

Causes serious eye irritation. Burns can occur. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Prolonged or repeated exposure may cause the following adverse effects: Irritation of eyes and mucous membranes. Prolonged contact causes serious eye and tissue damage.

5. Fire-fighting measures

Special hazards arising from the substance or mixture

Specific hazards

Pressurized container: Must not be exposed to temperatures above 50°C/120°F Containers can burst violently or explode when heated, due to excessive pressure build-up.

Advice for firefighters

Special protective equipment for firefighters

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

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

For personal protection, see Section 8.

Environmental precautions

Environmental precautions

Avoid discharge into drains. Contain spillage with sand, earth or other suitable non-combustible material.

Methods and material for containment and cleaning up

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Methods for cleaning up

Stop leak if possible without risk. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7. Handling and storage

Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level. Container must be kept tightly closed when not in use.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions

Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container. Pressurized container: Must not be exposed to temperatures above 50°C/120°F

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

n-Propyl Bromide

Long-term exposure limit (8-hour TWA): ACGIH 10 ppm

1,1,1,2 Tetraflouroethane (134a)

Long-term exposure limit (8-hour TWA): WEEL:US.AIHA = Workplace Environmental Exposure Level Guides 4240 mg/m³ 1000 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.

Exposure controls

Protective equipment



Appropriate engineering controls

This product must not be handled in a confined space without adequate ventilation. Provide adequate general and local exhaust ventilation.

Eye/face protection

Wear chemical splash goggles.

Hand protection

Use protective gloves.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

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Appearance

Liquid. Aerosol.

Color

Clear. Red.

Odor

Organic solvents.

Initial boiling point and range

-42°C/-44°F @ 1013.25 mbar

Flash point

Not determined.

Upper/lower flammability or explosive limits

Not available.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

1.21

Solubility(ies)

Negligibly soluble in water

Volatile organic compound

This product contains a maximum VOC content of 802.18 g/l.

10. Stability and reactivity

Stability

Stable at normal ambient temperatures and when used as recommended.

Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidizing agents. Reducing agents.

Hazardous decomposition products

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). Aldehydes. Hydrogen bromide (HBr). Irritant vapors or gases

11. Toxicological information

Information on toxicological effects**Acute toxicity - inhalation**

ATE inhalation (gases ppm)

100000.0

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Toxicological information on ingredients.

n-Propyl Bromide

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l)
253.0

Species
Rat

Reproductive toxicity

Reproductive toxicity - fertility

May damage fertility. Known reproductive toxicant based on animal evidence.

Reproductive toxicity - development

May cause congenital malformation in the fetus. May damage the unborn child.

1,1,1,2 Tetraflouroethane (134a)

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ gases ppmV)
500000.0

Species
Rat

ATE inhalation (gases ppm)
4500

Skin Contact

Contact with liquid form may cause frostbite.

12. Ecological Information

13. Disposal considerations

Waste treatment methods

Disposal methods

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

14. Transport information

Air transport notes 1. <75kg, 2. <150kg

UN Number

UN No. (DOT) 3500

UN No. (ICAO) 3500

UN proper shipping name

Proper shipping name (DOT) Chemical Under Pressure, N.O.S. (Air, Compressed)

Transport hazard class(es)

DOT hazard class 2.2

Transport labels



Packing group

Not applicable.

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15. Regulatory information

Inventories

US - TSCA

Present

n-Propyl Bromide

1,1,1,2 Tetraflouroethane (134a)

16. Other information

Revision date 4/3/2015

Revision 3

Supersedes date 2/5/2015

SDS No. 20594

Hazard statements in full

- H280 Contains gas under pressure; may explode if heated.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H360FD May damage fertility. May damage the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- USH03 May displace oxygen and cause rapid suffocation

ACA HMIS Health rating. Serious hazard. (3)

ACA HMIS Physical hazard rating. Normally stable. (0)

ACA HMIS Personal protection rating. B

ACA HMIS Flammability rating. Will not burn. (0)

Disclaimer

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