SAFETY DATA SHEET
Tensorgrip P311 Non-Flam Pressure Sensitive Adhesive

1. Identification

Product identifier

Product name
Tensorgrip P311 Non-Flam Pressure Sensitive 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 (Mon - Fri) 09:00 - 16:00

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards
Aerosol 3 - H229 Press. Gas, Compressed - H280

Health hazards
Acute Tox. 3 - H301 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Carc. 2 - H351 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
Tensorgrip P311 Non-Flam Pressure Sensitive Adhesive

Hazard statements
H280 Contains gas under pressure; may explode if heated.
H301 Toxic if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements
P251 Pressurized container: Do not pierce or burn, even after use
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 If exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Contains
Methylene Chloride

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

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>Mixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene Chloride</td>
<td>60-100%</td>
</tr>
<tr>
<td>CAS number: 75-09-2</td>
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</tbody>
</table>

Classification
Acute Tox. 3 - H301
Acute Tox. 4 - H312
Skin Irrit. 2 - H315
Eye Irrit. 2A - H319
Carc. 2 - H351
STOT SE 3 - H335, H336
STOT RE 2 - H373

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

4. First-aid measures

Description of first aid measures

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.
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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

General information
High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea.

Inhalation
Irritating to respiratory system. Irritation of nose, throat and airway. Headache.

Ingestion

Skin contact
Prolonged contact may cause redness, irritation and dry skin.

Eye contact
May cause eye irritation. Prolonged contact may cause redness and/or tearing.

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.

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO). Hydrocarbons. Aldehydes.

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

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
Tensorgrip P311 Non-Flam Pressure Sensitive Adhesive

Storage precautions
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

Methylene Chloride
Long-term exposure limit (8-hour TWA): ACGIH 50 ppm
A3
Short-term exposure limit (15-minute): OSHA 125 ppm
Long-term exposure limit (8-hour TWA): OSHA 25 ppm
ACGIH = American Conference of Governmental Industrial Hygienists.
A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.
OSHA = Occupational Safety and Health Administration.

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

Appearance
Aerosol. Liquid

Color
Clear. Blue.

Odor
Organic solvents.

Relative density
~ 1.22

Solubility(ies)
Negligibly soluble in water

Volatile organic compound
This product contains a maximum VOC content of 0 g/l.

10. Stability and reactivity

Stability
Stable at normal ambient temperatures and when used as recommended.
Tensorgrip P311 Non-Flam Pressure Sensitive Adhesive

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

Materials to avoid
May cause oxidation with: Aluminum.

Hazardous decomposition products

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral
ATE oral (mg/kg) 145.81510645

Acute toxicity - dermal
ATE dermal (mg/kg) 1,603.9661709

Acute toxicity - inhalation
ATE inhalation (vapours mg/l) 16.03966171

Toxicological information on ingredients.

Methylene Chloride

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 2,000.0
Species Rat
ATE oral (mg/kg) 100.0

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0
Species Rat
ATE dermal (mg/kg) 1,100.0

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ vapours mg/l) 52.0
Species Rat
ATE inhalation (vapours mg/l) 11.0

Carcinogenicity
Carcinogenicity Cancinogenicity - rat - inhalation Limited evidence of carcinogenicity in animal studies
Target organ for carcinogenicity Tumerigenic: Carcinogenic by RTECS criteria. Endochrine: Tumors
IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.
NTP carcinogenicity Reasonably anticipated to be a human carcinogen.
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Specific target organ toxicity - single exposure
STOT - single exposure  May cause respiratory irritation. May cause drowsiness or dizziness

Specific target organ toxicity - repeated exposure
STOT - repeated exposure  Inhalation - May cause damage to organs through prolonged or repeated exposure
-Central nervous system Oral - May cause damage to organs through prolonged or repeated exposure -Liver, blood.

General information  RTECS: PA8050000

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
Packaging group  Not applicable.

15. Regulatory information
Inventories
US - TSCA
The following ingredients are listed or exempt:
Methylene Chloride

16. Other information
Revision date  12/9/2015
Revision  1
# Tensorgrip P311 Non-Flam Pressure Sensitive Adhesive

<table>
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<tr>
<th>Supersedes date</th>
<th>10/7/2015</th>
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<td>21489</td>
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<td>Moderate hazard. (2)</td>
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<tr>
<td>ACA HMIS Flammability rating.</td>
<td>Will not burn. (0)</td>
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<tr>
<td>ACA HMIS Physical hazard rating.</td>
<td>Normally stable. (0)</td>
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<td>ACA HMIS Personal protection rating.</td>
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The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. The manufacturer makes no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the manufacturer of this product is fit for a particular purpose and suitable for users' method of use or application. It is essential that the user evaluate this product, not the manufacturer, to determine whether it is fit for a particular purpose and suitable for users' method of use or application.