

# Tensorgrip

## SAFETY DATA SHEET

### Tensorgrip P302 Non-Flam High Temp Contact Adhesive

#### 1. Identification

##### Product identifier

Product name Tensorgrip P302 Non-Flam High Temp Contact Adhesive

##### 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

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

##### Hazard statements

### Tensorgrip P302 Non-Flam High Temp Contact Adhesive

- H229 Pressurized container: may burst if heated.
- 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 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.

#### Other hazards

### 3. Composition/information on ingredients

#### Substances

#### Mixture Statement

#### Mixtures

<b>Methylene Chloride</b>	<b>60-100%</b>
CAS number: 75-09-2 REACH registration number: 01-2119480404-41-XXXX	
<b>Classification</b>	
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

## Tensorgrip P302 Non-Flam High Temp Contact Adhesive

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

#### 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

Gastrointestinal symptoms, including upset stomach. Stomach pain. Nausea, vomiting. Diarrhea.

#### 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 (CO<sub>2</sub>). 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.

## Tensorgrip P302 Non-Flam High Temp Contact Adhesive

### 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

##### Methylene Chloride

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm

A3

Short-term exposure limit (15-minute): OSHA 125 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

OSHA = Occupational Safety and Health Administration.

#### Methylene Chloride (CAS: 75-09-2)

##### Immediate danger to life and health

2300 ppm

### 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.

## Tensorgrip P302 Non-Flam High Temp Contact Adhesive

### 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.

### 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

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Aldehydes. Hydrocarbons.

## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity - oral

##### ATE oral (mg/kg)

145.81510645

#### Acute toxicity - dermal

##### ATE dermal (mg/kg)

1603.9661709

#### Acute toxicity - inhalation

##### ATE inhalation (vapours mg/l)

16.03966171

## Tensorgrip P302 Non-Flam High Temp Contact Adhesive

### Toxicological information on ingredients.

#### Methylene Chloride

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg)

2,000.0

##### **Species**

Rat

ATE oral (mg/kg)

100.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg)

2000.0

##### **Species**

Rat

ATE dermal (mg/kg)

1100

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)

52.0

##### **Species**

Rat

ATE inhalation (vapours mg/l)

11.0

##### Carcinogenicity

Carcinogenicity - rat - inhalation Limited evidence of carcinogenicity in animal studies

##### **Target organ for carcinogenicity**

Tumorigenic: Carcinogenic by RTECS criteria. Endocrine: Tumors

##### **IARC carcinogenicity**

IARC Group 2B Possibly carcinogenic to humans.

##### **NTP carcinogenicity**

Reasonably anticipated to be a human carcinogen.

##### 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.

## Tensorgrip P302 Non-Flam High Temp Contact Adhesive

### 14. Transport information

<b>Air transport notes</b>	1. 75kg, 2. 150kg
<b>UN Number</b>	
<b>UN No. (DOT)</b>	3500
<b>UN No. (ICAO)</b>	3500
<b>UN proper shipping name</b>	
<b>Proper shipping name (DOT)</b>	Chemical Under Pressure, N.O.S. (Air, Compressed)
<b>Transport hazard class(es)</b>	
<b>DOT hazard class</b>	2.2

**Transport labels**



**Packing group**

Not applicable.

### 15. Regulatory information

**Inventories**

**US - TSCA**

The following ingredients are listed or exempt:

**Methylene Chloride**

### 16. Other information

<b>Revision date</b>	2/10/2015
<b>Revision</b>	1
<b>Supersedes date</b>	8/12/2014
<b>SDS No.</b>	20353
<b>Hazard statements in full</b>	
	H229 Pressurized container: may burst if heated.
	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.
<b>ACA HMIS Health rating.</b>	Moderate hazard. (2)
<b>ACA HMIS Physical hazard rating.</b>	Normally stable. (0)
<b>ACA HMIS Personal protection rating.</b>	B
<b>ACA HMIS Flammability rating.</b>	Will not burn. (0)

## Tensorgrip P302 Non-Flam High Temp Contact Adhesive

### Disclaimer

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