



**SAFETY DATA SHEET**  
**Tensorgrip S104 Adhesive Remover/Cleaner Canister SDS**

### 1. Identification

#### Product identifier

**Product name** Tensorgrip S104 Adhesive Remover/Cleaner Canister SDS

**Product number** USA

#### Recommended use of the chemical and restrictions on use

**Application** Aerosol Cleaning Solvent

#### Details of the supplier of the safety data sheet

**Supplier** Quin Global US, Inc.  
5710 F St  
Omaha NE 68117  
(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** Flam. Aerosol 2 - H223 Press. Gas, Compressed - H280 Flam. Liq. 2 - H225

**Health hazards** Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

**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

##### Hazard symbols



**Signal word**

Danger

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<b>Hazard statements</b>	<p>H223 Flammable aerosol.  H280 Contains gas under pressure; may explode if heated.  H225 Highly flammable liquid and vapor.  H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.  H315 Causes skin irritation.  H336 May cause drowsiness or dizziness.  H304 May be fatal if swallowed and enters airways.  H410 Very toxic to aquatic life with long lasting effects.</p>
<b>Precautionary statements</b>	<p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.  P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell.  P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.  P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
<b>Contains</b>	Odorless Mineral Spirits, Cyclohexane

### Other hazards

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

### 3. Composition/information on ingredients

#### Mixtures

<b>Odorless Mineral Spirits</b> CAS number: 64742-47-8	<b>60-100%</b>
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304	
<b>Cyclohexane</b> CAS number: 110-82-7 M factor (Acute) = 1                      M factor (Chronic) = 1	<b>20-30%</b>
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

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<b>General information</b>	Remove affected person from source of contamination. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention if any discomfort continues.
<b>Inhalation</b>	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.
<b>Ingestion</b>	Get medical attention immediately. 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.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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

<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Skin contact</b>	May be absorbed through the skin. Product has a defatting effect on skin. The liquid is irritating to eyes and skin. A single exposure may cause the following adverse effects: Dryness and/or cracking.
<b>Eye contact</b>	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

#### Extinguishing media

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

#### Special hazards arising from the substance or mixture

<b>Specific hazards</b>	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. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
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#### Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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### 6. Accidental release measures

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### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage.

### 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. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. 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 contact with skin and eyes. Keep away from heat, sparks and open flame. 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. Use explosion proof electric equipment. Avoid discharge into drains or watercourses or onto the ground.

**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

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

### Control parameters

### Occupational exposure limits

#### **Odorless Mineral Spirits**

Long-term exposure limit (8-hour TWA): ACGIH 200 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): OSHA 500 ppm 2000 mg/m<sup>3</sup>

#### **Cyclohexane**

Long-term exposure limit (8-hour TWA): ACGIH 100 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.  
OSHA = Occupational Safety and Health Administration.

### Exposure controls

#### **Protective equipment**



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<b>Appropriate engineering controls</b>	This product must not be handled in a confined space without adequate ventilation. Avoid inhalation of vapors and spray/mists. 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, vapor or mist.
<b>Eye/face protection</b>	Wear chemical splash goggles.
<b>Hand protection</b>	Use protective gloves.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.
<b>Hygiene measures</b>	DO NOT SMOKE IN WORK AREA! Wash 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.
<b>Respiratory protection</b>	If exposure levels are likely to be exceeded, use a half face mask fitted with an organic vapor filter for short term low level exposures. For long term or high level exposures, a supplied air respirator should be used.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Color</b>	Clear
<b>Odor</b>	Sweetish.
<b>Initial boiling point and range</b>	81°C/177.8°F
<b>Flash point</b>	-18°C/0°F Closed cup.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: .6% Upper flammable/explosive limit: 8.3%
<b>Relative density</b>	0.765
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 466.97 g/l.

### 10. Stability and reactivity

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidizing agents. Reducing agents.
<b>Hazardous decomposition products</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Hydrogen chloride (HCl). Nitrous gases (NO <sub>x</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 793.65

##### Acute toxicity - dermal

ATE dermal (mg/kg) 1,746.03

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### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 17.46

### Toxicological information on ingredients.

#### Odorless Mineral Spirits

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 500.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.0

Species Rabbit

ATE dermal (mg/kg) 1,100.0

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 5.0

Species Rat

ATE inhalation (vapours mg/l) 11.0

##### Skin corrosion/irritation

Animal data Irritating.

##### Serious eye damage/irritation

Serious eye damage/irritation Slightly irritating.

##### Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

##### Specific target organ toxicity - single exposure

STOT - single exposure High concentrations may cause: Central nervous system depression. Continued inhalation may result in: Unconsciousness and/or death.

##### Specific target organ toxicity - repeated exposure

Target organs Kidneys

Route of exposure Skin absorption Skin and/or eye contact Inhalation Ingestion

#### Cyclohexane

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 12,705.0

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**Species** Rat

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Rabbit

### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 34,000.0

**Species** Rat

### Serious eye damage/irritation

**Serious eye damage/irritation** Slightly irritating.

### Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Inhalation** May be harmful if inhaled. Causes respiratory tract irritation. Vapours may cause drowsiness and dizziness.

**Ingestion** May be harmful if swallowed. Aspiration hazard if swallowed.

**Skin Contact** May be absorbed through the skin. Causes skin irritation.

**Eye contact** Causes eye irritation.

## 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** Cargo aircraft only. <75kg

### UN Number

**UN No. (TDG)** 3501

**UN No. (IMDG)** 3501

**UN No. (ICAO)** 3501

**UN No. (DOT)** 3501

### UN proper shipping name

**Proper shipping name (TDG)** Chemical Under Pressure, Flammable, N.O.S. (Odorless Mineral Spirits, Cyclohexane)

**Proper shipping name (IMDG)** Chemical Under Pressure, Flammable, N.O.S. (Odorless Mineral Spirits, Cyclohexane)

**Proper shipping name (ICAO)** Chemical Under Pressure, Flammable, N.O.S. (Odorless Mineral Spirits, Cyclohexane)

**Proper shipping name (DOT)** Chemical Under Pressure, Flammable, N.O.S. (Odorless Mineral Spirits, Cyclohexane)

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### Transport hazard class(es)

DOT hazard class 2.1

### Transport labels



### Packing group

Packing group (International) Not applicable.

## 15. Regulatory information

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

**Guidance** CHIP for everyone HSG228.  
Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.  
Approved Classification and Labelling Guide (Sixth edition) L131.

### US Federal Regulations

#### **SARA (311/312) Hazard Categories**

Present.

### US State Regulations

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

Present.

#### **Massachusetts "Right To Know" List**

Present.

#### **New Jersey "Right To Know" List**

Present.

#### **Pennsylvania "Right To Know" List**

Present.

### Inventories

#### **Canada - DSL/NDSL**

Present.  
DSL

#### **US - TSCA**

Present.

## 16. Other information

**Revision date** 9/19/2019  
**Revision** 9  
**Supersedes date** 11/30/2017  
**SDS No.** 23114



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**Hazard statements in full**

H223 Flammable aerosol.  
H225 Highly flammable liquid and vapor.  
H280 Contains gas under pressure; may explode if heated.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**ACA HMIS Health rating.** Moderate hazard. (2)

**ACA HMIS Flammability rating.** Extremely flammable. (4)

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

**ACA HMIS Personal protection rating.** B

### DIRECTIONS FOR USE

### PRODUCT LOGO



The information in this Safety Data Sheet (SDS) 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 usage of this product is fit for a particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.