

# Tensorbond

## SAFETY DATA SHEET Tensorbond C302 Non Flam Sprayable Liquid Contact Adhesive

### 1. Identification

#### Product identifier

**Product name** Tensorbond C302 Non Flam Sprayable Liquid Contact Adhesive

**Product number** USA

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

**Application** Solvent-based Adhesive

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

**Supplier** Quin Global USA  
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** Not Classified

**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

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<b>Hazard statements</b>	<p>H301 Toxic if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H351 Suspected of causing cancer.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p>
<b>Precautionary statements</b>	<p>P260 Do not breathe vapor/ spray.</p> <p>P301+P310 If swallowed: Immediately call a poison center/ doctor.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>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> <p>P312 Call a poison center/ doctor if you feel unwell.</p>
<b>Contains</b>	Methylene Chloride
<b>Other hazards</b>	

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

### 3. Composition/information on ingredients

#### Mixtures

<b>Methylene Chloride</b>	<b>60-100%</b>
CAS number: 75-09-2	
<p><b>Classification</b></p> <p>Acute Tox. 3 - H301</p> <p>Acute Tox. 4 - H312</p> <p>Skin Irrit. 2 - H315</p> <p>Eye Irrit. 2A - H319</p> <p>Unknown Classification</p> <p>Unknown Classification</p> <p>Unknown Classification</p> <p>Carc. 2 - H351</p> <p>Unknown Classification</p> <p>STOT SE 3 - H335, H336</p> <p>STOT RE 2 - H373</p>	

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

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	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.
<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.

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<b>Ingestion</b>	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.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Get medical attention if any discomfort continues. Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

### 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 product 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.

### Indication of immediate medical attention and special treatment needed

#### 5. Fire-fighting measures

##### Extinguishing media

**Suitable extinguishing media** Extinguish with Carbon Dioxide, Dry Chemical and Foam.

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

##### 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

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**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 container tightly closed. Keep only in the original container.

### Specific end uses(s)

## 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 promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. 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

Liquid.

#### Color

Clear. Green.

#### Odor

Organic solvents.

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<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	None.
<b>Upper/lower flammability or explosive limits</b>	None.
<b>Vapor pressure</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Relative density</b>	1.22
<b>Solubility(ies)</b>	Negligibly soluble in water

### 10. Stability and reactivity

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid contact with the following materials: Oxidizing agents. Reducing agents.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	Fire creates: Nitrous gases (NOx). Carbon monoxide (CO). Carbon dioxide (CO2). Vapours/gases/fumes of:

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 131.96093956

##### Acute toxicity - dermal

ATE dermal (mg/kg) 1,451.57033518

#### Toxicological information on ingredients.

##### Methylene Chloride

##### Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 100.0

##### Acute toxicity - dermal

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

Species Rat

ATE dermal (mg/kg) 1,100.0

##### Acute toxicity - inhalation

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<b>Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)</b>	52.0
<b>Species</b>	Rat
<b>ATE inhalation (vapours mg/l)</b>	11.0
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Carcinogenicity - rat - inhalation Limited evidence of carcinogenicity in animal studies
<b>Target organ for carcinogenicity</b>	Tumorigenic: Carcinogenic by RTECS criteria. Endocrine: Tumors
<b>IARC carcinogenicity</b>	IARC Group 2B Possibly carcinogenic to humans.
<b>NTP carcinogenicity</b>	Reasonably anticipated to be a human carcinogen.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	May cause respiratory irritation. May cause drowsiness or dizziness
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	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.
<b>General information</b>	RTECS: PA8050000

### 12. Ecological Information

#### Toxicity

#### Persistence and degradability

#### Bioaccumulative potential

#### Mobility in soil

#### Results of PBT and vPvB assessment

#### Other adverse effects

### 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

#### UN Number

#### UN proper shipping name

**Proper shipping name (TDG)** Not Regulated For Transportation

**Proper shipping name (DOT)** Not Regulated For Transportation

#### Transport hazard class(es)

#### Transport labels

#### Packing group

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Not applicable.

### Environmental hazards

### Special precautions for user

## 15. Regulatory information

### International Regulations

#### US Federal Regulations

##### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

Present.

*Methylene Chloride*

Final CERCLA RQ: 1000(454) pounds (Kilograms)

##### **SARA 313 Emission Reporting**

Present.

*Methylene Chloride*

0.1 %

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

Present.

*Methylene Chloride*

Acute  
Health hazard  
Chronic  
Health hazard

### US State Regulations

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

Present.

*Methylene Chloride*

Known to the State of California to cause cancer.

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

*Methylene Chloride*

All the ingredients are listed or exempt.

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

*Methylene Chloride*

All the ingredients are listed or exempt.

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

*Methylene Chloride*

All the ingredients are listed or exempt.

### Inventories

#### **US - TSCA**

Present.

*Methylene Chloride*

## 16. Other information

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<b>Revision date</b>	10/6/2016
<b>Revision</b>	1
<b>Supersedes date</b>	2/19/2015
<b>SDS No.</b>	21304
<b>Hazard statements in full</b>	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 (Oral (Category 2), Inhalation (Category 2), Blood, Central nervous system, Liver) through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure.
<b>ACA HMIS Health rating.</b>	Moderate hazard. (2)
<b>ACA HMIS Flammability rating.</b>	Will not burn. (0)
<b>ACA HMIS Physical hazard rating.</b>	Normally stable. (0)
<b>ACA HMIS Personal protection rating.</b>	B

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