



SAFETY DATA SHEET

TG.F40.22 TensorGrip F40 Canister

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name TG.F40.22 TensorGrip F40 Canister

Relevant identified uses of the substance or mixture and uses advised against

Application Adhesive.

Details of the supplier of the safety data sheet

Supplier

Quin Global PTY LTD
63 Hincksman Street
Queanbeyan NSW 2620
(02) 6175 0574
info@quin-global.com.au

Emergency telephone number

Emergency telephone National Poison Line AU 13 11 26
+61 2 6175 0574

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Press. Gas, Compressed - H280 Aerosol 1 - H222, H229 Flam. Aerosol 1 - H222

Health hazards STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

Label elements

Pictogram



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P314 Get medical advice/ attention if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/ container in accordance with national regulations.

Contains

ISOPENTANE, ACETONE

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SECTION 3: Composition and information on ingredients

Mixtures

Dimethyl ether	30-60%
CAS number: 115-10-6	
Classification	
Flam. Gas 1 - H220	
Press. Gas, Liquefied - H280	
isopentane	30-60%
CAS number: 78-78-4	
Classification	
Flam. Liq. 1 - H224	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
Acetone	1-5%
CAS number: 67-64-1	
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	
STOT SE 3 - H336	

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

SECTION 4: First aid measures

Description of first aid measures

General information	Get medical attention immediately. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Rinse immediately with plenty of water. Show this Safety Data Sheet to the medical personnel.
Inhalation	Get medical attention immediately. Never give anything by mouth to an unconscious person. Show this Safety Data Sheet to the medical personnel. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water.
Skin Contact	Remove contamination with soap and water or recognised skin cleansing agent. Continue to rinse for at least 15 minutes and get medical attention. Show this Safety Data Sheet to the medical personnel.
Eye contact	Show this Safety Data Sheet to the medical personnel. Rinse immediately with plenty of water. If adhesive bonding occurs, do not force eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Treat symptomatically.
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Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards Extremely flammable. 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.

Hazchem Code 2YE

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Eliminate all sources of ignition. Do not breathe vapour/spray. Avoid contact with eyes. For personal protection, see Section 8. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. If ventilation is inadequate, suitable respiratory protection must be worn. Keep unnecessary and unprotected personnel away from the spillage.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Avoid inhalation of vapours and contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Keep container in a well-ventilated place. Mechanical ventilation or local exhaust ventilation may be required.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep container in a well-ventilated place. Container must be kept tightly closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Specific end use(s)

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

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SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

Dimethyl ether

Long-term exposure limit (8-hour TWA): 400 ppm 760 mg/m³

Short-term exposure limit (15-minute): 500 ppm 950 mg/m³

Acetone

Long-term exposure limit (8-hour TWA): 500 ppm 1185 mg/m³

Short-term exposure limit (15-minute): 1000 ppm 2375 mg/m³

Exposure controls

Protective equipment



Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. 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, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield.

Hand protection

Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Nitrile rubber.

Other skin and body protection

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wear protective clothing.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Clear.
Odour	Characteristic.
Initial boiling point and range	Estimated value. -44°F @
Flash point	-51°C Not specified.
Evaporation rate	Not determined.
Flammability Limit - Lower(%)	Lower flammable/explosive limit: 1.4 Upper flammable/explosive limit: 8.3
Relative density	0.62 @ 20°C
Auto-ignition temperature	Not available.
Viscosity	Kinematic viscosity > 20.5 mm ² /s.

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Volatile organic compound This product contains a maximum VOC content of 215 g/l.

SECTION 10: Stability and reactivity

Reactivity Stable at normal ambient temperatures and when used as recommended.

Stability Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

Conditions to avoid Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up.

Materials to avoid Strong acids. Strong oxidising agents.

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

SECTION 12: Ecological Information

Ecotoxicity No data on possible environmental effects have been found.

Toxicity There are no data on the ecotoxicity of this product.

Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

Bioaccumulative potential

Bioaccumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility No data available.

Other adverse effects

Other adverse effects Not known.

SECTION 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.

SECTION 14: Transport information

UN number

UN No. (ADG) 3501

UN No. (IMDG) 3501

UN No. (ICAO) 3501

UN proper shipping name

TG.F40.22 TensorGrip F40 Canister

Proper shipping name (ADG) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)

Proper shipping name (IMDG) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)

Proper shipping name (ICAO) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)

Transport hazard class(es)

ADG class	2.1
ADG classification code	8F
ADG label	2.1
IMDG class	2.1
ICAO class/division	2.1

Transport labels



Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

EmS	F-D, S-U
Hazchem Code	2YE

SECTION 15: Regulatory information

SECTION 16: Any other relevant information

Issued by	HS&E Manager.
Revision date	6/04/2017
Revision	5
Supersedes date	4/11/2016
SDS No.	21625
Hazard statements in full	H222 Extremely flammable aerosol. H224 Extremely flammable liquid and vapour. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.