SAFETY DATA SHEET
TG.TC42.500 TensorGrip TC42 Aerosol

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name TG.TC42.500 TensorGrip TC42 Aerosol

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

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

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

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 3 - H412

Label elements

Pictogram

Signal word DANGER

Hazard statements

H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P261 Avoid breathing spray.
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P412 Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/ container in accordance with national regulations.

Contains methyl acetate, Naptha (petroleum), hydrotreated light

SECTION 3: Composition and information on ingredients

Mixtures

Petroleum gases, liquefied **30-60%**

CAS number: 68476-85-7

Classification
Flam. Gas 1 - H220
Press. Gas, Compressed - H280

methyl acetate **20-30%**

CAS number: 79-20-9

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2A - H319
STOT SE 3 - H336

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Naptha (petroleum), hydrotreated light	10-25%
CAS number: 64742-49-0	

Classification
Flam. Liq. 2 - H225
Skin Irrit. 2 - H315
STOT SE 3 - H336
Asp. Tox. 1 - H304
Aquatic Chronic 2 - H411

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

SECTION 4: First aid measures

Description of first aid measures

General information If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Inhalation Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion IF SWALLOWED: Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person.

Skin Contact After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Remove contamination with soap and water or recognised skin cleansing agent. If adhesive bonding occurs, do not force skin apart. Get medical attention if symptoms are severe or persist after washing.

Eye contact Get medical attention immediately. If adhesive bonding occurs, do not force eyelids apart. Show this Safety Data Sheet to the medical personnel. Remove contact lenses, if present and easy to do. Continue rinsing.

Most important symptoms and effects, both acute and delayed

General information Treat symptomatically.

Inhalation May cause coughing and difficulties in breathing. Irritation of nose, throat and airway. May cause drowsiness or dizziness.

Ingestion Coughing, chest tightness, feeling of chest pressure. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. May cause chemical burns in mouth, oesophagus and stomach.

Skin contact Bonds skin and eyes in seconds. Causes skin irritation.

Eye contact Bonds skin and eyes in seconds. Causes serious eye irritation. Severe irritation, burning and tearing.

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.

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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 The product is extremely flammable. Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Toxic gases or vapours.

Advice for firefighters

Protective actions during firefighting Evacuate area. Stop leak if safe to do so. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water spray to reduce vapours.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions 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. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up 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.

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 contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Container must be kept tightly closed when not in use. Avoid discharge into drains or watercourses or onto the ground. Use explosion-proof electrical equipment.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities

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Storage precautions Keep container tightly closed and at temperature not exceeding 50°C. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Specific end use(s)

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

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

Petroleum gases, liquefied

Long-term exposure limit (8-hour TWA): 1000 ppm 1800 mg/m³
Carc. 1B
Carc. 1B = Presumed to have carcinogenic potential for humans.

Exposure controls

Protective equipment

Appropriate engineering controls 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. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits.

Eye/face protection Chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with Australia/New Zealand Standard AS/NZS 1337.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures 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. Do not smoke in work area.

Respiratory protection Observe any occupational exposure limits for the product or ingredients. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance Aerosol.

Colour Green. or Clear.

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Odour	Strong.
Flash point	-104°C
Evaporation rate	No specific test data are available.
Flammability (solid, gas)	Extremely flammable aerosol.
Flammability Limit - Lower(%)	Lower flammable/explosive limit: 1.8% Upper flammable/explosive limit: 13%
Vapour pressure	482.63 kPa @ °C
Vapour density	Not available.
Relative density	Not available.
Bulk density	0.70-0.74 kg/m³
Solubility(ies)	Insoluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.
Volatile organic compound	This product contains a maximum VOC content of < 540 g/litre.

SECTION 10: Stability and reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
Stability	No data available. 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 heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Avoid exposing aerosol containers to high temperatures or direct sunlight. Static electricity and formation of sparks must be prevented.
Materials to avoid	Acids - oxidising. Strong oxidising agents.
Hazardous decomposition products	None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Very toxic gases or vapours.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity - dermal

Notes (dermal LD_{50}) Not available.

Acute toxicity - inhalation

Notes (inhalation LC_{50}) Not available.

Skin corrosion/irritation

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Extreme pH Not available.

Serious eye damage/irritation

Serious eye damage/irritation Not available.

Germ cell mutagenicity

Genotoxicity - in vitro Not available.

Carcinogenicity

Carcinogenicity Not available.

Reproductive toxicity

Reproductive toxicity - fertility Not available.

Specific target organ toxicity - single exposure

STOT - single exposure Not available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not available.

Aspiration hazard

Aspiration hazard No data available.

SECTION 12: Ecological Information

Acute aquatic toxicity

Acute toxicity - fish Not available.

Acute toxicity - aquatic invertebrates Not available.

Acute toxicity - aquatic plants Not available.

Acute toxicity - microorganisms Not available.

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

Bioaccumulative Potential No data available on bioaccumulation.

Partition coefficient Not available.

Mobility in soil

Mobility Semi-mobile.

Other adverse effects

Other adverse effects No data available.

SECTION 13: Disposal considerations

Waste treatment methods

General information Empty containers must not be punctured or incinerated because of the risk of an explosion.

Disposal methods Do not empty into drains. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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SECTION 14: Transport information

UN number

UN No. (ADG)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

UN proper shipping name

Proper shipping name (ADG)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS

Transport hazard class(es)

ADG class	2.1
ADG classification code	5F
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

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

SECTION 16: Any other relevant information

Classification abbreviations and acronyms	Aerosol = Aerosol Skin Irrit. = Skin irritation STOT SE = Specific target organ toxicity-single exposure Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Revision date	5/12/2017
Revision	1
SDS No.	22165

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Hazard statements in full

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.