



SAFETY DATA SHEET

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

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

Identified uses Adhesive.

Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier QUIN GLOBAL BV LTD
De Droogmakerij
1851 LX Heiloo
The Netherlands
0031 72 520 66 97
technicalhelp.uk@quinglobal.com

Manufacturer QUIN GLOBAL (UK) LTD
PO BOX 7634
PERTH
PH2 1GA
Quin - 01738 501 510
technicalhelp.uk@quinglobal.com

1.4. Emergency telephone number

Emergency telephone QUIN - +44 (0) 1738 501 510 (24 hrs)

National emergency telephone number For the emergency services - the ambulance, police and fire services - Tel: 999 /
When you need medical advice or treatment but it is not an emergency - Tel: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Press. Gas (Comp.) - H280

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Warning

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

Hazard statements	EUH208 Contains C(M)IT/MIT (3:1). May produce an allergic reaction. H280 Contains gas under pressure; may explode if heated.
Precautionary statements	P410+P403 Protect from sunlight. Store in a well-ventilated place.
Biocide Labelling	This product contains substances with biocidal properties - Bronopol <0.015%
Supplementary precautionary statements	P260 Do not breathe spray.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-ethylhexyl 2-propenoate, ethyl 2-propenoate and 2-propenoic acid CAS number: 67827-74-1	30-60%
Classification Not Classified	
HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene CAS number: 29118-24-9 EC number: 471-480-0	10-25%
Classification Press. Gas (Liq.) - H280	
BRONOPOL (INN) CAS number: 52-51-7 EC number: 200-143-0 M factor (Acute) = 1	<1%
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400	
C(M)IT/MIT (3:1) CAS number: 55965-84-9 EC number: 911-418-6 M factor (Chronic) = 100	0.0011%
Classification Acute Tox. 3 - H301 Acute Tox. 2 - H310 Acute Tox. 2 - H330 Skin Corr. 1C - H314 Skin Sens. 1A - H317 Aquatic Chronic 1 - H410	

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Treat symptomatically.
Inhalation	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. Keep affected person under observation. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Get medical attention.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information	The product is considered to be a low hazard under normal conditions of use.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
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5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective gloves, eye and face protection.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. For users with sensitive skin, it is recommended that suitable protective gloves are worn. Keep container tightly sealed when not in use.

Advice on general occupational hygiene Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Store away from incompatible materials (see Section 10). Store in accordance with national regulations. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect from sunlight. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent. Do not expose to temperatures exceeding 50°C/122°F.

Storage class Compressed gas storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene (CAS: 29118-24-9)

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Ensure control measures are regularly inspected and maintained.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	No specific requirements are anticipated under normal conditions of use.
Hygiene measures	Provide eyewash station and safety shower. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	No specific requirements are anticipated under normal conditions of use.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	White/off-white.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.0 - 1.04
Solubility(ies)	Soluble 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.

9.2. Other information

Volatile organic compound	This product contains a maximum VOC content of 0 g/l.
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SECTION 10: Stability and reactivity

10.1. Reactivity

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

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

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information on ingredients.

2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-ethylhexyl 2-propenoate, ethyl 2-propenoate and 2-propenoic acid

Toxicological effects No information available.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Toxicological effects As supplied, the material does not present a health hazard.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >207000 ppm, Inhalation, Rat

Skin corrosion/irritation

Animal data Dose: 0.4 mL, 4 hours, Rabbit Primary dermal irritation index: 0 Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOEL >20000 ppm, Inhalation, Rat P This substance has no evidence of toxicity to reproduction.

Reproductive toxicity - development Developmental toxicity: - NOAEC: 15000 ppm, Inhalation, Rat This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant.

Inhalation Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

Eye contact May cause temporary eye irritation. May cause temporary eye irritation.

BRONOPOL (INN)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 305.0

Species Rat

ATE oral (mg/kg) 305.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 1,600.0

Species Rat

ATE dermal (mg/kg) 1,600.0

C(M)IT/MIT (3:1)

Acute toxicity - oral

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

ATE dermal (mg/kg) 50.0

SECTION 12: Ecological information

12.1. Toxicity

Ecological information on ingredients.

2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-ethylhexyl 2-propenoate, ethyl 2-propenoate and 2-propenoic acid

Toxicity No data recorded.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 117 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >160 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >170 mg/l, Pseudokirchneriella subcapitata

BRONOPOL (INN)

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

C(M)IT/MIT (3:1)

Chronic aquatic toxicity

M factor (Chronic) 100

12.2. Persistence and degradability

Ecological information on ingredients.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Persistence and degradability Not readily biodegradable.

Phototransformation Air - Degradation 100%: 2 weeks

Biodegradation No biodegradation observed under test conditions.

12.3. Bioaccumulative potential

Partition coefficient Not available.

Ecological information on ingredients.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Partition coefficient log Pow: 1.6

Nitrogen

Partition coefficient log Pow: 8.08

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

12.4. Mobility in soil

Ecological information on ingredients.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Ecological information on ingredients.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

Other adverse effects

No information required.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3500
UN No. (IMDG)	3500
UN No. (ICAO)	3500
UN No. (ADN)	3500

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN), 1,3,3,3-TETRAFLUOROPROP-1-ENE
Proper shipping name (IMDG)	CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN), 1,3,3,3-TETRAFLUOROPROP-1-ENE
Proper shipping name (ICAO)	CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN), 1,3,3,3-TETRAFLUOROPROP-1-ENE
Proper shipping name (ADN)	CHEMICAL UNDER PRESSURE, N.O.S. (NITROGEN), 1,3,3,3-TETRAFLUOROPROP-1-ENE

14.3. Transport hazard class(es)

ADR/RID class	2.2
ADR/RID classification code	8A
ADR/RID label	2.2
IMDG class	2.2
ICAO class/division	2.2
ADN class	2.2

UK - GEKKO G67 WATERBASED HIGH COVERAGE SURFACE TACKIFIER, CANSITER

Transport labels



14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-C, S-V

ADR transport category 3

Emergency Action Code 2ZE

Hazard Identification Number 20
(ADR/RID)

Tunnel restriction code (C/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 14/01/2021

Revision 5

Supersedes date 16/09/2020

SDS number 24420

Hazard statements in full

H280 Contains gas under pressure; may explode if heated.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH208 Contains C(M)IT/MIT (3:1). May produce an allergic reaction.

DIRECTIONS FOR USE

PRODUCT LOGO