

Tensorgrip® G67

WATER-BASED PRESSURE
SENSITIVE FLOORING ADHESIVE

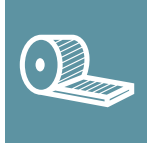
Tensorgrip® G67 is a snowflake spray adhesive designed for using the substrates listed here.



Carpet Tile



LVT/LVP/VCT



Underlayment



Snowflake Spray



California
Compliant



Low Odor

PRODUCT DESCRIPTION

Tensorgrip® G67 is a water-based, spray pressure sensitive flooring adhesive in a canister. Tensorgrip® G67 can be used for carpet tile, LVT/LVP/VCT, vinyl tile, vinyl plank, and underlayment, and allows substrate to be laid into the wet adhesive without giving a permanent bond when dried.

THIS UNIQUE PORTABLE, FULLY CONTAINED CANISTER SYSTEM IMPROVES:

Ergonomics—Allowing you to stand while applying the adhesives, reducing stress on the back, knees, and shoulders.

Profitability—Decreases adhesive times by as much as 70% as compared to troweled or rolled-on adhesives.

Efficiency—Allows you to install flooring substrate immediately after spraying G67, rather than waiting hours for troweled or rolled-on adhesives to dry.

ADVANTAGES

- Ready for traffic immediately
- High application speed of up to 200 sq ft per min. (small areas) and 800 sq ft per min. (large areas)
- Excellent adhesion on most carpet tiles and LVT/LVP/VCT
- Non-flammable, water-based pressure sensitive adhesive
- Repositionable during installation
- Can be wet laid—ensure that at least one surface to be bonded is porous, such as wood or concrete
- Resistant to plasticizer migration—great for PVC and carpet tiles
- Extremely high coverage—One 22 liter canister is equivalent to 8–10 pails.
- Ergonomic, portable system
- Zero VOC, California compliant

PREPARATION & APPLICATION

Suitable subfloors include self-levelling compounds, plywood (underlayment grade), OSB, hardboard and existing non-cushion backed resilient floors (must be well bonded, sound, smooth and free of all waxes, finishes, strippers and cleaners). All paint varnish, oil, wax and any other finishes which may inhibit good bond should be removed. Repair all joints and cracks with a latex based levelling compound. Subfloors should be subject to 28 days of maturing and should have a maximum of 10.8% moisture content before using this adhesive. Do not use this adhesive above these recommendations.

Subfloor preparation and moisture and PH testing must comply with industry standards, and floor-covering manufacturer's guidelines. The floor, room temperature, and the flooring materials must be maintained in accordance with floor covering manufacturer's recommendations.

Hold spray gun 18"–30" above floor at a 40-degree angle. Do not allow it to concentrate or puddle in one area. Carpet tiles can be laid into wet adhesive, but for best results leave adhesive to tack.

All subfloors should be free of dust prior to application.

CANISTER STORAGE/CHANGE OVER: If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose/gun from the canister. Close and lock the spray gun.

TO CHANGE OR DISCONNECT CANISTER: Turn canister valve to the off position, spray out remaining adhesive left in the hose, disconnect the spray hose and gun from the canister. Reconnect the spray hose to a new canister of adhesive. If unable to reconnect to a new canister, connect hose to a water supply using M301 Cleanout Hose Adapter (sold separately) and purge until clean. Only depressurize and disconnect hose and spray gun when the canister is empty.

CARE OF SPRAY TIP: To avoid adhesive curing on the spray tip, either store submerged in water or clean adhesive off with water or solvent immediately.

CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES	
VOC Content	0 g/L
Flammability	Non-flammable propellant and water-based
Dry Time	1–10 minutes depending on atmospheric conditions
Open Time	4+ hours depending on conditions
PH Rating	13.2
RH Rating	99.5%
Moisture %	10.8%
Shelf Life	12 months
Coverage	Carpet Tile: 6,000 sq ft / 666 sq yd per 22 liter canister VCT/LVT/LVP: 4,000 sq ft / 444 sq yd per 22 liter canister

PACKAGING	
22L	Disposable Canister

APPLICATION TOOLS

TOOL	PART NUMBER
Hoses	M130-12 (12')
	M130-18 (18')
Spray Gun	M125 (18" Wand Gun)
Spray Tips	110015B (Large Areas)
	6501B (Small Areas)

HANDLING AND STORAGE

- Consult Safety Data Sheet prior to use.
- Do not store at temperatures over 120°F or below freezing.
- KEEP FROM FREEZING! Freezing will render this product unusable.
- Avoid exposure to direct sunlight.
- Do not store directly on concrete floor. Canister system will spray adequately above 60°F
- Canister system should be kept in warm area. In the event that the canister gets abnormally chilled, or gives poor or sputtering spray, it should be warmed up before continued usage.
- Warming canister by immersion in warm water is recommended if canister becomes chilled, or gives poor, sputtering spray.

DISCLAIMER OF WARRANTY: Quin Global makes neither warranty of merchantability or fitness for any use nor any other warranty, express or implied, in the sales of its products. Buyer assumes all risk and liability for the results obtained by the use of its products, whether used singly or in combination with other products.



SAFETY DATA SHEET

Tensorgrip G67 Water Based Pressure Sensitive Flooring Adhesive Canister

1. Identification

Product identifier

Product name Tensorgrip G67 Water Based Pressure Sensitive Flooring Adhesive Canister

Product number USA

Recommended use of the chemical and restrictions on use

Application Canister Spray Adhesive

Details of the supplier of the safety data sheet

Supplier Quin Global US, Inc.
5510 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 Aerosol 3 Press. Gas, Compressed - H280

Health hazards Not Classified

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

Hazard symbols



Signal word Warning

Hazard statements H280 Contains gas under pressure; may explode if heated.

Precautionary statements P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P251 Pressurized container: Do not pierce or burn, even after use
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P412 Do not expose to temperatures exceeding 50°C/122°F.

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Other hazards

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

3. Composition/information on ingredients

Mixtures

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene	5-10%
CAS number: 29118-24-9	
Classification	
Press. Gas, Liquefied - H280	

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

4. First-aid measures

Description of first aid measures

General information	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.
Inhalation	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.
Ingestion	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.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	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

Inhalation	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.
Ingestion	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.
Skin contact	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.
Eye contact	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

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Special hazards arising from the substance or mixture

Specific hazards 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.

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

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 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

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

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

TWA of 800 ppm WEEL:US OARS. WEELs Workplace Environmental Exposure Level Guide

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

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

Exposure controls

Protective equipment



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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 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.
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 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

Appearance	Aerosol.
Color	White / off-white.
Odor	Mild.
Odor threshold	Not applicable.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.28
Solubility(ies)	Water soluble when wet
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Volatile organic compound	This product contains a maximum VOC content of 0 g/l.

10. Stability and reactivity

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

11. Toxicological information

Information on toxicological effects

Toxicological information on ingredients.

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

Toxicological effects	As supplied, the material does not present a health hazard.
<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	LC ₅₀ >207000 ppm, Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Animal data	Dose: 0.4 mL, 4 hours, Rabbit Primary dermal irritation index: 0 Not irritating.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	No information available.
<u>Respiratory sensitization</u>	
Respiratory sensitization	Based on available data the classification criteria are not met.
<u>Skin sensitization</u>	
Skin sensitization	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Gene mutation: Negative.
Genotoxicity - in vivo	Chromosome aberration: Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
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.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met.

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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 Vapors 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.

12. Ecological information

Bioaccumulative potential

Partition coefficient Not available.

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 1. <75kg, 2. <150kg

UN Number

UN No. (TDG) 3500

UN No. (ICAO) 3500

UN No. (DOT) 3500

UN proper shipping name

Proper shipping name (TDG) Chemical Under Pressure, N.O.S. (trans-1,3,3,3-Tetrafluoroprop-1-ene)

Proper shipping name (DOT) Chemical Under Pressure, N.O.S. (trans-1,3,3,3-Tetrafluoroprop-1-ene)

Transport hazard class(es)

TDG class 2

TDG label(s) 2.2

Transport labels



Packing group

Packing group (International) Not applicable.

15. Regulatory information

Tensorgrip G67 Water Based Pressure Sensitive Flooring Adhesive Canister

National regulations All applicable legislation listed in other parts of this Safety Data Sheet

Guidance Safety Data Sheets for Substances and Preparations.

US Federal Regulations

SARA (311/312) Hazard Categories

Present.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.

Inventories

Canada - DSL/NDSL

The following ingredients are listed or exempt:

US - TSCA

The following ingredients are listed or exempt:

16. Other information

Revision date	8/14/2020
Revision	11
Supersedes date	8/20/2015
SDS No.	23482
Hazard statements in full	H280 Contains gas under pressure; may explode if heated.
ACA HMIS Health rating.	Slight hazard. (1)
ACA HMIS Flammability rating.	Will not burn. (0)
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.