

**SAFETY DATA SHEET****Bullet Bond BB15 Flooring Adhesive Aerosol Can****1. Identification****Product identifier****Product name** Bullet Bond BB15 Flooring Adhesive Aerosol Can**Product number** USA**Recommended use of the chemical and restrictions on use****Application** Aerosol Spray Adhesive**Details of the supplier of the safety data sheet**

**Supplier** www.bulletbondadhesives.com  
Bullet Bond Adhesive  
5510 F Street  
Omaha, NE 68117  
402.731.3636  
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.

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<b>Precautionary statements</b>	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P304+P340 If inhaled: Remove person to fresh air and keep 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.
	P308+P313 If exposed or concerned: Get medical advice/ attention.
	P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.

### 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	30-60%
CAS number: 29118-24-9	
<b>Classification</b>	
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

<b>General information</b>	Remove affected person from source of contamination. Place unconscious person on their side in the recovery position and ensure breathing can take place. 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.
<b>Ingestion</b>	Get medical attention immediately. 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.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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

<b>General information</b>	High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Prolonged or repeated exposure may cause the following adverse effects: Irritation of nose, throat and airway. Coughing. Headache.
<b>Ingestion</b>	Prolonged or repeated exposure may cause the following adverse effects: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Diarrhea.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.

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<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.
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### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Not applicable.

**Unsuitable extinguishing media** Not applicable

#### 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. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

#### 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. No smoking, sparks, flames or other sources of ignition near spillage.

#### 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. 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.

### 7. Handling and storage

#### 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 vapors. Use approved respirator if air contamination is above an acceptable level. Container must be kept tightly closed when not in use. Use explosion proof electric equipment. Avoid discharge into drains or watercourses or onto the ground.

**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

#### Specific end uses(s)

## Bullet Bond BB15 Flooring Adhesive Aerosol Can

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

### 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



#### Appropriate engineering controls

This product must not be handled in a confined space without adequate ventilation. Avoid inhalation of vapors and spray/mists. 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, vapor or mist.

#### 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

<b>Appearance</b>	Aerosol.
<b>Color</b>	White/Milky
<b>Odor</b>	Sweetish.
<b>Odor threshold</b>	Not applicable.
<b>pH</b>	Not available.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	Not applicable.

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Evaporation rate	Not available.
Flammability (solid, gas)	Non-flammable
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	Not applicable.
Vapor density	Not available.
Relative density	1.0-1.04
Solubility(ies)	Soluble in water.
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 0.0% by weight .

### 10. Stability and reactivity

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 <sub>2</sub> ). Aldehydes. Halogenated hydrocarbons.

### 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 LD <sub>50</sub> )	Based on available data the classification criteria are not met.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC <sub>50</sub> )	LC <sub>50</sub> >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>	

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<b>Respiratory sensitization</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitization</u></b>	
<b>Skin sensitization</b>	Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOEL >20000 ppm, Inhalation, Rat P This substance has no evidence of toxicity to reproduction.
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEC: 15000 ppm, Inhalation, Rat This substance has no evidence of toxicity to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.
<b><u>Inhalation</u></b>	
<b>Inhalation</b>	Vapors may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.
<b><u>Ingestion</u></b>	
<b>Ingestion</b>	May cause discomfort if swallowed.
<b><u>Skin Contact</u></b>	
<b>Skin Contact</b>	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
<b><u>Eye contact</u></b>	
<b>Eye contact</b>	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** Passenger Aircraft/Rail <75 kg. Cargo Aircraft Only <150 kg

#### UN Number

**UN No. (International)** UN1950

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UN No. (TDG) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (DOT) 1950

### UN proper shipping name

Proper shipping name (TDG) AEROSOLS, NON-FLAMMABLE 2.2, LTD QTY

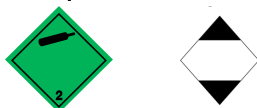
Proper shipping name (IMDG) AEROSOLS, NON-FLAMMABLE 2.2, LTD QTY

Proper shipping name (ICAO) AEROSOLS, NON-FLAMMABLE 2.2, LTD QTY

Proper shipping name (DOT) AEROSOLS, NON-FLAMMABLE 2.2, LTD QTY

### Transport hazard class(es)

#### Transport labels



### Packing group

Packing group (International) Not applicable.

## 15. Regulatory information

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**Guidance** CHIP for everyone HSG228.  
Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.  
Approved Classification and Labelling Guide (Sixth edition) L131.

### US Federal Regulations

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

The following ingredients are listed or exempt:

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

The following ingredients are listed or exempt:

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

Hazard

### 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 or any other reproductive harm.

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

The following ingredients are listed or exempt:

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

The following ingredients are listed or exempt:

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### Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

#### Inventories

##### Canada - DSL/NDSL

The following ingredients are listed or exempt:

##### US - TSCA

Present.

#### 16. Other information

Revision date	7/7/2020
Revision	17
Supersedes date	5/13/2020
SDS No.	23375
Hazard statements in full	H280 Contains gas under pressure; may explode if heated.
ACA HMIS Health rating.	Slight hazard. (1)
ACA HMIS Flammability rating.	Extremely flammable. (4)
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.