SECTION 1: Product and company identification

Product name: Armor Guard
Use of the substance/mixture: Aerosol Cleaner
Product code: 890501
Company: Share Corporation
P.O. Box 245013
Milwaukee, WI 53224 - USA
T (414) 355-4000
Emergency number: Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
Flam. Aerosol 1 H222
Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Danger
Hazard statements (GHS-US): Keep away from heat, sparks, open flames, hot surfaces. - No smoking
Precautionary statements (GHS-US): Pressurized container: Do not pierce or burn, even after use
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polydimethylsiloxane</td>
<td>(CAS No) 63148-62-9</td>
<td>10 - 20</td>
<td>Not classified</td>
</tr>
<tr>
<td>butane</td>
<td>(CAS No) 106-97-8</td>
<td>2.5 - 10</td>
<td>Flam. Gas 1, H220 Compressed gas, H280</td>
</tr>
<tr>
<td>propane</td>
<td>(CAS No) 74-98-6</td>
<td>1 - 2.5</td>
<td>Flam. Gas 1, H220 Compressed gas, H280</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

First-aid measures after inhalation: Move the affected person away from the contaminated area and into the fresh air. Respiratory problems: consult a doctor/medical service.

First-aid measures after skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Immediately call a poison center or doctor/physician.

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

Symptoms/injuries: Direct contact with the eyes is likely irritating.
4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| Suitable extinguishing media | Water. |
| Unsuitable extinguishing media | No unsuitable extinguishing media known. |

5.2. Special hazards arising from the substance or mixture

| Fire hazard | Extremely flammable aerosol. |
| Explosion hazard | Contents under pressure. Pressurized container: may burst if heated. |
| Reactivity | The product is non-reactive under normal conditions of use, storage and transport. |

5.3. Advice for firefighters

Firefighting instructions

Move containers away from the fire area if this can be done without risk. Use water spray or fog for cooling exposed containers. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Evacuate unnecessary personnel. Stay upwind/keep distance from source. Gas is denser than air. May accumulate in low areas e.g. close to the ground. Eliminate every possible source of ignition.

6.1.1. For non-emergency personnel

Protective equipment

Do not enter without an appropriate protective equipment. DO NOT touch spilled material.

Emergency procedures

Ventilate the area thoroughly, especially low lying areas (basements, work pits etc.). Advice local authorities if considered necessary.

6.1.2. For emergency responders

Protective equipment

Equip cleanup crew with proper protection.

Emergency procedures

Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Prevent runoff from entering drains, sewers or waterways. Avoid discharge to the environment. Advice local authorities if considered necessary. Stop leak if safe to do so.

6.3. Methods and material for containment and cleaning up

For containment

Eliminate every possible source of ignition. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if safe to do so. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent the product from entering drains or confined areas. For further information refer to section 8 : Exposure- controls/personal protection**.

Methods for cleaning up

Take up liquid spill into absorbent material. Following product recovery, flush area with water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling

Do not use if spray button is missing or defective. Do not spray on a naked flame or any incandescent material. Do not smoke while handling product. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Do not re-use empty containers. Avoid breathing dust, fume, gas, mist, spray, vapors. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Do not discharge the waste into the drain.

Hygiene measures

Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Pressurized container. Do not puncture, incinerate or crush. Take precautionary measures against static discharge.

Storage conditions

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Refrigerate. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials

Heat sources. Sources of ignition.
Heat-ignition : KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.
Storage area : Aerosol, Category 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TWA (ppm)</th>
<th>ACGIH STEL (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane (106-97-8)</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Propane (74-98-6)</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Personal protective equipment : Gloves. Protective clothing. Safety glasses. Use appropriate personal protective equipment when risk assessment indicates this is necessary.
Hand protection : Protective gloves.
Eye protection : Chemical goggles or safety glasses.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Thermal hazard protection : Use appropriate personal protective equipment when risk assessment indicates this is necessary.
Consumer exposure controls : When using do not smoke. Use good personal hygiene practices. Take off contaminated clothing and wash before reuse. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Gas</td>
</tr>
<tr>
<td>Appearance</td>
<td>Aerosol. Liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>-156 °F Propellant estimated</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 ºC</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>0.745 g/ml estimated</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization does not occur.

10.4. Conditions to avoid
Aerosol containers are unstable at temperatures above 49°C. Avoid temperatures exceeding the flash point.

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Potential Adverse human health effects and symptoms : Dizziness. Direct contact with the eyes is likely irritating.
Symptoms/injuries after inhalation : No effects known.
Symptoms/injuries after skin contact : No effects known.
Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.
Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Likely routes of exposure : Skin and eyes contact.

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste treatment methods : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container to comply with local/regional/national/international regulations.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
**SECTION 14: Transport information**

**Department of Transportation (DOT)**

- **Transport document description**: UN1950 Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1
- **UN-No.(DOT)**: UN1950
- **Proper Shipping Name (DOT)**: Aerosols flammable, (each not exceeding 1 L capacity)
- **Transport hazard class(es) (DOT)**: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
- **Hazard labels (DOT)**: 2.1 - Flammable gas

- **Marine pollutant**: Yes (IMDG only)

- **DOT Packaging Non Bulk (49 CFR 173.xxx)**: None
- **DOT Packaging Bulk (49 CFR 173.xxx)**: None
- **DOT Special Provisions (49 CFR 172.102)**: N82
- **DOT Packaging Exceptions (49 CFR 173.xxx)**: 306
- **DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)**: 75 kg
- **DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)**: 150 kg
- **DOT Vessel Stowage Location**: A
- **DOT Vessel Stowage Other**: 25 - Shade from radiant heat, 87 - Stow “separated from” Class 1 (explosives) except Division 1.4, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

**Additional information**

- **Other information**: This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.306.

**ADR**

- **No additional information available**

**Transport by sea**

- **UN-No. (IMDG)**: UN1950
- **Proper Shipping Name (IMDG)**: Aerosols
- **Class (IMDG)**: 2.1 - Flammable gases

**Air transport**

- **UN-No.(IATA)**: UN1950
- **Proper Shipping Name (IATA)**: Aerosols
- **Class (IATA)**: 2.1 - Gases : Flammable

**SECTION 15: Regulatory information**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

- **butane (106-97-8)**: Not listed on SARA Section 313 (Specific toxic chemical listings)
Armor Guard
Safety Data Sheet

propane (74-98-6)
Not listed on SARA Section 313 (Specific toxic chemical listings)

California Proposition 65 - This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

SECTION 16: Other information

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Compressed gas</th>
<th>Gases under pressure Compressed gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Aerosol 1</td>
<td>Flammable aerosol Category 1</td>
</tr>
<tr>
<td>Flam. Gas 1</td>
<td>Flammable gases Category 1</td>
</tr>
<tr>
<td>H220</td>
<td>Extremely flammable gas</td>
</tr>
<tr>
<td>H222</td>
<td>Extremely flammable aerosol</td>
</tr>
<tr>
<td>H280</td>
<td>Contains gas under pressure; may explode if heated</td>
</tr>
</tbody>
</table>

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard: 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.