

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

|                           |                                |                                |                                   |
|---------------------------|--------------------------------|--------------------------------|-----------------------------------|
| <b>COMPANY NAME:</b>      | AMERICAN INDUSTRIES, INC.      | <b>PRODUCT NAME:</b>           | PERMA FLEX SILVER                 |
| <b>ADDRESS LINE 1:</b>    | 4300 Kahn Drive, Box 1405      | <b>PRODUCT CODE:</b>           | 2537                              |
| <b>ADDRESS LINE 2:</b>    | Lumberton, NC 28359-1405 USA   | <b>PRODUCT USE:</b>            | RTV Silicone Gasket Maker         |
| <b>TELEPHONE NUMBERS:</b> | 800-753-5153 (or) 910-738-7224 | <b>SDS FILE ID:</b>            | 2537.02                           |
| <b>EMERGENCY PHONE:</b>   | CHEMTREC 1-800-424-9300        | <b>SDS DATE:</b>               | 2024-03-29                        |
|                           |                                | <b>REPLACES VERSION DATED:</b> | 2023-10-04 and all prior versions |

## SECTION 2: HAZARDS IDENTIFICATION

|                    |                                      |
|--------------------|--------------------------------------|
| GHS Classification | Gases under pressure; compressed gas |
| Health             | Non-Hazardous                        |
| Label elements     |                                      |



|                          |  |
|--------------------------|--|
| Signal word              | WARNING  |
| Hazard statements        | H280-Contains gas under pressure; may explode if heated.             |
| Precautionary statements | P410+P403 - Protect from sunlight. Store in a well-ventilated place. |

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical name</u> | <u>CAS number</u> | <u>%</u> |
|----------------------|-------------------|----------|
| 1,1-Difluoroethane   | 75-37-6           | <1       |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

## SECTION 4: FIRST AID MEASURES

|  |   |
|--|---|
| Inhalation   | If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problem or irritation persists.   |
| Skin contact   | Wash exposed skin with soap and water for several minutes. If skin irritation develops, seek medical attention.   |
| Eye contact  | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention. |
| Ingestion  | Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.                           |
| Important symptoms   | Vapors may cause mild respiratory irritation.   |
| Indication of immediate medical attention/special treatment needed | None known.   |

## SECTION 5: FIRE-FIGHTING MEASURES

|   |  |
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| Suitable extinguishing media                                  | Use extinguishing media suitable for surrounding fire.   |
| Unsuitable extinguishing media                                | None known.  |
| Specific hazards arising from the chemical                    | Not classified as flammable but contains a flammable propellant. Contents under pressure. Burning may produce silicon oxides; carbon oxides. Exposure of containers to heat and flames can cause them to rupture often with violent force. |
| Special protective equipment and precautions for firefighters | Wear positive pressure self-contained breathing apparatus and full protective clothing.  |
| Fire-fighting procedures                                      | Cool fire-exposed containers with water. Use shielding to protect against bursting cans.   |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|  |   |
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| Personal precautions, protective equipment, and emergency procedures | Ventilate the area. Wear appropriate protective clothing and equipment.   |
| Environmental precautions  | Report release as required by local and national regulations.   |
| Methods and materials for containment and clean up                   | Place leaking can in a pail in a well-ventilated area until pressure has dissipated. Collect residual liquid using inert absorbents and place into a suitable container for disposal. |

## SECTION 7: HANDLING AND STORAGE

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| Precautions for safe handling                                | Avoid contact with eyes and skin. Avoid breathing vapors or gas. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Contents under pressure, do not puncture or incinerate containers. |
| Conditions for safe storage, including any incompatibilities | Store in a cool, dry, well-ventilated area, away from strong oxidizers and other incompatible materials. Do not store in direct sunlight or above 120°F.<br>U.F.C. (NFPA 30B) Level 1 Aerosol.                              |

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| <u>Component</u>                    | OSHA<br>TWA<br>(ppm)  | OSHA<br>TWA<br>(mg/m3) | OSHA<br>Tables<br><u>Z1,2,3</u> | NIOSH<br>TWA<br>(mg/m3) | ACGIH<br>TWA<br>(mg/m3) |
|-------------------------------------|---|------------------------|---------------------------------|-------------------------|-------------------------|
| 1,1-Difluoroethane                  | 1000  |                        |                                 |                         |                         |
| Eye/face protection                 | Safety glasses are recommended if eye contact is possible.  |                        |                                 |                         |                         |
| Skin protection                     | Impervious gloves recommended to avoid skin contact.  |                        |                                 |                         |                         |
| Respiratory protection              | None under normal use conditions. For operations where the exposure limits may be exceeded, a NIOSH approved supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134; all applicable laws and regulations; and good industrial hygiene practice. |                        |                                 |                         |                         |
| Other protective equipment/clothing | None required.  |                        |                                 |                         |                         |
| Appropriate Engineering Controls    | General ventilation should be adequate for normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.  |                        |                                 |                         |                         |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                             |   |
|-----------------------------|---|
| Appearance                  |   |
| Color                       | Aluminum                                      |
| Form                        | Thick liquid under pressure (Viscous paste)   |
| Odor                        | Acid  |
| Flash point                 | > 212°F (100°C) closed cup (Liquid component) |
| Flammability                | Flash point at or above 200°F (93°C)          |
| Density (water = 1)         | 1.007   |
| Density VOC                 | N/A   |
| % VOC                       | N/A   |
| Melting point/boiling point | N/A   |
| Auto-igniting               | N/A   |
| pH                          | N/A   |
| Solubility in water         | N/A   |
| Vapor density               | N/A   |
| Vapor pressure              | N/A   |
| Viscosity                   | N/A   |
| Evaporation Rate            | N/A   |
| Lower Explosion Level       | N/A   |
| Upper Explosion Level       | N/A   |
| Freezing Point              | N/A   |
| Decomposition point         | N/A   |

**SECTION 10: STABILITY AND REACTIVITY**

|                                    |  |
|------------------------------------|--|
| Reactivity                         | Not normally reactive.   |
| Chemical stability                 | Stable under normal storage and handling conditions.   |
| Possibility of hazardous reactions | None expected.   |
| Conditions to avoid                | Keep away from excessive heat, and open flames. Containers may rupture at temperatures > 120°F (48.8°C). |
| Hazardous decomposition products   | Burning may produce silicon oxides; carbon oxides.   |
| Incompatible materials             | Strong oxidizing agents, strong bases, and strong acids.   |

**SECTION 11: TOXICOLOGICAL INFORMATION**

|  |  |
|--|--|
| Skin corrosion/irritation                        | May cause mild irritation.   |
| Eye contact                                      | May cause mild irritation.   |
| Inhalation                                       | Vapors can irritate the throat and respiratory tract.  |
| Ingestion  | Swallowing may cause gastrointestinal disturbances.  |
| Chronic effects                                  | None expected.   |
| Carcinogenicity                                  | None of the components listed is a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA |
| Specific target organ toxicity-single exposure   | No data available.   |
| Specific target organ toxicity-repeated exposure | No data available.   |
| Aspiration hazard                                | No data available.   |
| Acute toxicity                                   | No data available.   |
| Numerical Measures of Toxicity                   | 1,1-Difluoroethane      75-37-6      LC50 Inhalation Rat: 437,500 ppm/4h                           |

**SECTION 12: ECOLOGICAL INFORMATION**

|                               |   |
|-------------------------------|---|
| Ecotoxicity                   |   |
| 1,1-Difluoroethane            | 75-37-6      LC50 Fish 719.61 mg/L/ 96hr (Calculated) |
| Persistence and degradability | No data available.                                    |
| Bio-accumulative potential    | No data available.                                    |
| Mobility in soil              | No data available.                                    |
| Other adverse effects         | No data available.                                    |

**SECTION 13: DISPOSAL CONSIDERATIONS**

|                       |  |
|-----------------------|--|
| Disposal instructions | Dispose of in accordance with all local, state, and federal regulations. Offer empty containers for recycling. |
|-----------------------|--|

**SECTION 14: TRANSPORT INFORMATION**

|                      |                    |
|----------------------|--------------------|
| DOT                  |                    |
| UN Number            | UN1950             |
| Proper Shipping Name | Aerosols (LTD QTY) |
| Hazard Class         | 2.2                |

**SECTION 15: REGULATORY INFORMATION**

|                              |  |
|------------------------------|--|
| EPA TSCA Inventory           | All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.  |
| CERCLA Section 103           | This product has no RQ, however, oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations. |
| SARA Hazard Category 311/312 | Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.  |
| SARA 313                     | This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None  |
| California Proposition 65    | Warning not required.  |

## SECTION 16: OTHER INFORMATION

**Important Note:** *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

\*\*\*End of SDS\*\*\*