

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

Products Covered:

Universal Tile Ridge Vent

Tile Off-Ridge Vent

Tile Gooseneck Vent

Dryer Vent

Marco Industries, Inc.

4477 S 70th E Ave, Bldg #5

Tulsa, OK 74145 USA

Phone: 800.800.8590

Emergency: 800.800.8590 Ext.2661

SECTION 2: HAZARD IDENTIFICATION

As defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200), the products identified in this document are considered manufactured articles and are exempt from Safety Data Sheet requirements.

These products are solid manufactured roofing ventilation components. Under normal conditions of handling, storage, installation, and use, hazardous exposure is not expected.

This SDS is voluntarily provided by Marco Industries, Inc. to communicate information regarding safe handling, installation, maintenance, and disposal of these products.

PRIMARY ROUTE OF EXPOSURE

Not applicable under normal conditions of use.

SIGNS & SYMPTOMS OF EXPOSURE

Eyes:

Dust or particles generated during cutting, drilling, grinding, or fabrication may cause mechanical irritation.

Skin:

Sharp metal edges may cause cuts, abrasions, or irritation.

Inhalation:

Dust or fumes generated during fabrication processes may cause temporary respiratory irritation.

Ingestion:

Not an expected route of exposure.

ACUTE HEALTH HAZARDS

See signs and symptoms of exposure above.

CHRONIC HEALTH HAZARDS

None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS NUMBER	APPROX. %	OSHA PEL	ACGIH TLV
Galvalume® Coated Steel	Mixture	90 - 100	NE	NE
Aluminum	7429-90-5	Proprietary	NE	NE
Zinc	7440-66-6	Proprietary	NE	NE
Polyester Composite*	25038-59-9	0 - 10	NE	NE

*Present in selected product models only.

NE = Not Established

ENGINEERING COMPOSITION STATEMENT

Composition information contained in this Safety Data Sheet is based on product engineering specifications and Technical Data Sheets (TDS) provided by the Engineering Department of Marco Industries, Inc.

The information presented reflects the composition of the finished articles based on engineering documentation available at the time of publication.

These products are manufactured articles and are not intended to release hazardous substances under normal conditions of handling, storage, installation, or use.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES:

Flush eyes with clean water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN:

Wash affected area thoroughly with soap and water. Treat cuts, abrasions, or puncture wounds as appropriate.

INHALATION:

If dust or fumes generated during cutting, grinding, drilling, or welding are inhaled, move the affected person to fresh air. Seek medical attention if symptoms persist.

INGESTION:

Not expected to occur under normal conditions of use. If ingestion occurs, seek medical attention if discomfort develops.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Treat symptomatically. No specific antidote is known.

SECTION 5: FIRE FIGHTING PROCEDURES**SUITABLE EXTINGUISHING MEDIA:**

Water spray, foam, dry chemical powder, or carbon dioxide (CO₂).

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

RECOMMENDED FIRE FIGHTING PROCEDURES:

Use extinguishing media appropriate for the surrounding fire.

Firefighters should wear NIOSH-approved self-contained breathing apparatus (SCBA) and full protective equipment when fighting fires involving these products.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known under normal conditions of use.

Although the steel components are non-combustible, polyester components present in certain product models may decompose when exposed to elevated temperatures or fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Not applicable under normal conditions of use.

If product components become damaged, collect and dispose of material in accordance with applicable Federal, State, and Local regulations.

Avoid generating airborne dust, metal particles, or debris during cutting, grinding, drilling, or cleanup operations.

PERSONAL PRECAUTIONS:

Wear appropriate personal protective equipment, including safety glasses and gloves, when handling damaged materials.

ENVIRONMENTAL PRECAUTIONS:

No special environmental precautions are required for the finished product under normal conditions of use.

SECTION 7: HANDLING AND STORAGE

Handle with care to avoid injury from sharp metal edges.

Store in a clean, dry location and protect from physical damage.

OTHER PRECAUTIONS:

Use appropriate personal protective equipment when cutting, drilling, grinding, or installing products.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

General ventilation is normally sufficient.

RESPIRATORY PROTECTION:

Not normally required. Use a NIOSH-approved respirator when cutting, drilling, grinding, welding, or generating dust or fumes.

EYE PROTECTION:

Safety glasses with side shields are recommended.

SKIN PROTECTION:

Work gloves are recommended when handling products.

OTHER PROTECTIVE EQUIPMENT:

None required under normal conditions of use.

WORK HYGIENIC PRACTICES:

Wash hands after handling products and before eating, drinking, or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	VALUE	PROPERTY	VALUE
Appearance & Odor	Formed metal roofing ventilation products with no noticeable odor.	Physical State	Solid
Color	Various	Odor Threshold	Not Applicable
Flash Point	Not Applicable	Lower Explosive Limit	Not Applicable
Method Used	Not Applicable	Upper Explosive Limit	Not Applicable
Evaporation Rate	Not Applicable	Boiling Point	Not Applicable
pH	Not Applicable	Melting Point	Not Determined
Solubility in Water	Insoluble	Specific Gravity	Not Determined
Vapor Density	Not Applicable	Percent Volatile	Not Applicable
Vapor Pressure	Not Applicable	Molecular Weight	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable under normal conditions of storage, handling, and use.

CONDITIONS TO AVOID:

None known under normal conditions of use.

INCOMPATIBILITY (MATERIALS TO AVOID):

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Not determined.

HAZARDOUS POLYMERIZATION:

Not expected to occur under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological data are available for the finished products.

Under normal conditions of handling, storage, installation, and use, adverse health effects are not expected.

Exposure to dust, metal particles, or fumes generated during cutting, drilling, grinding, welding, or other fabrication operations may cause temporary mechanical irritation to the eyes, skin, or respiratory system.

Refer to Section 2 and Section 3 for additional information.

SECTION 12: ECOLOGICAL INFORMATION

No ecological data are available for the finished products.

Under normal conditions of use, no adverse environmental effects are expected.

Dispose of products in accordance with applicable Federal, State, and Local regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose of products in accordance with applicable Federal, State, and Local regulations.

Recycle metal components whenever practical.

Waste generated during cutting, drilling, grinding, installation, or removal operations should be collected and disposed of in accordance with applicable regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

OSHA: These products are considered manufactured articles under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

No additional regulatory information is available for the finished products.

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS:

Composition information contained in this Safety Data Sheet is based on product engineering specifications and Technical Data Sheets (TDS) provided by the Engineering Department of Marco Industries, Inc.

DATE OF PREVIOUS SDS:

None

CHANGES SINCE PREVIOUS SDS:

Initial Release

DISCLAIMER:

This information relates to the specific products designated and may not be valid for such products used in combination with other materials or in any process.

Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. The information contained in this Safety Data Sheet is based on product engineering specifications and Technical Data Sheets (TDS) provided by the Engineering Department of Marco Industries, Inc.

However, no representation, warranty, or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness.

It is the user's responsibility to determine the suitability and completeness of such information for their particular use.

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