

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 2/14/97

REVISED DATE: 5/12/09

Supersedes: Any Previous M.S.D.S. On This Product

DUCTMATE INDUSTRIES INC.

EMERGENCY PHONE NUMBER: CHEM-TEL, INC. 1-800-255-3924

I. IDENTIFICATION

PRODUCT NAME: **Galvanneal Steel Products**

DUCTMATE INDUSTRIES, INC.

CHEMICAL FAMILY: N/A

210 Fifth Street

FORMULA: N/A

Charleroi, PA 15022

II. HAZARDOUS INGREDIENTS

<u>MATERIAL:</u>	<u>C.A.S. Number</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>
Iron	7439-89-6	10 mg/M3 (as Fe ₂ O ₃ fume)	5 mg/M3 (Iron oxide dust & fume)
Zinc	7440-66-6	5mg/M3 (as ZnO fume)	5mg/M3 (as ZnO fume)

III. PHYSICAL DATA

APPEARANCE: Metallic Gray, Odorless

BOILING POINT: N/A

SPECIFIC GRAVITY: Approx. 8

SOLUBILITY IN WATER: Not Soluble

MELTING POINT OF ZINC COATING: 850° F

MELTING POINT OF BASE METAL: 2750° F

IV. HEALTH HAZARD DATA

Acute and Chronic: Exposure to high concentrations of fumes of zinc may create flu-like illness termed Metal Fume Fever. Symptoms can last 12 to 48 hours and may include metallic taste, dryness in the mouth, dizziness, weakness, muscle pain and fever.

CAUTION: Respiratory disorders may be aggravated by exposure to metallic dusts or fumes.

V. EMERGENCY AND FIRST AID

IN EYES: For contact with dust or particulates, flush eyes with large amounts of water. Eye injuries from solid particles should be treated by a physician immediately.

ON SKIN: Remove contaminated clothing. Wash area of contact thoroughly with soap and water. If irritation persists, seek medical attention.

INGESTED: N/A

INHALATION: If acute overexposure to dusts or fumes occurs, remove victim from the adverse environment and seek medical attention.

VI. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

EXTINGUISHING MEDIA: No fire or explosion hazard

UNUSUAL FIRE HAZARD: None

FIRE FIGHTING PROCEDURES: None

PRODUCT OF COMBUSTION: Metal fumes and certain noxious gases, such as CO, may be produced during welding or burning.

VII. SPILL OR LEAK PROCEDURES

Large/Small Spill: Avoid creating dusts when cleaning spill. Small pieces may be collected using a broom and shovel. Particulates and dust may be collected by using a vacuum with a HEPA filter. Place collected material in a closed container.

VIII. SPECIAL PROTECTION

VENTILATION: Whenever dusts, particulates, or fumes are generated, use appropriate local exhaust ventilation to keep exposures below the regulated limits.

EYE PROTECTION: Wear safety glasses with side shields.

HAND PROTECTION: Wear leather or other appropriate work gloves, if necessary for type of operation.

RESPIRATORY PROTECTION: A NIOSH – Approved, dust/fume respirator should be worn during welding or burning.

OTHER: Use appropriate protective clothing when welding or burning.

IX. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Contact with strong acids and alkalis may produce hydrogen gas.

CONDITIONS TO AVOID: None know.

HAZARDOUS DECOMPOSITION: Metal fumes and certain noxious gases, such as CO, may be produced during welding or burning.

HAZARDOUS POLYMERIAZTION: Will not occur.

X. SPECIAL PRECAUTIONS

As supplied, this product does not present a health hazard. Processing of the product for final uses can include formation of dusts, particulates, or fumes, some of which may present health hazards.

This information is taken from sources or based upon data believed to be reliable; however, DUCTMATE INDUSTRIES, INC. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions.