

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 10/30/97

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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: AD Gasket-F2

CHEMICAL FAMILY: Vitreous Aluminosilicate Fiber

PRODUCT CLASS: Ceramic Fiber

DUCTMATE INDUSTRIES, INC.

210 5th St.

Charleroi, PA 15022

II. HAZARDOUS INGREDIENTS

<u>MATERIAL:</u>	<u>CAS</u>	<u>% WEIGHT</u>
Refractories, Fibers, Aluminosilicate	142844-00-6	80-85
Continuous filament fiberglass	65997-17-3	15-20
Rayon/cellulose fiber	61788-77-0	2-4

OSHA HAZARDOUS COMMUNICATIONS STANDARD, (29CFR1910.1200): None

IARC Group 2B - Possible Human Carcinogen

III. PHYSICAL DATA

APPEARANCE: White, odorless, fibrous material

BOILING POINT: Not Applicable

MELTING POINT: 1760° C (3200° F)

SPECIFIC GRAVITY: 2.50-2.75

VAPOR DENSITY: Not Applicable

VOLATILE BY WEIGHT: Not Applicable

EVAPORATION RATE: Not Applicable

IV. HEALTH AND FIRST AID

CAUTION:

IN EYES: If eyes become irritated, flush immediately with large amounts of lukewarm water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Do not rub eyes. Get medical attention if irritation persists.

ON SKIN: If skin becomes irritated, remove contaminated clothing. Do not rub or scratch exposed skin. Wash area of contact thoroughly with soap and water. Using a skin cream or lotion after washing may be helpful.

INGESTED: Ingestion is unlikely. If ingested, natural gastrointestinal elimination is preferred. Drink extra water. Get medical attention if gastrointestinal symptoms develop, for example, irritation, nausea, vomiting, abdominal pain, and diarrhea.

INHALATION: Remove person from source of exposure and move to fresh air. Get medical attention if the irritation continues.

V. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: 0

FLASH POINT: None

EXTINGUISHING MEDIA: Use extinguishing agent suitable for type of surrounding fire.

UNUSUAL FIRE HAZARD: None

FIRE FIGHTING PROCEDURES: Use extinguishing agent suitable for type of surrounding fire.

PRODUCT OF COMBUSTION: Not Applicable

VI. SPILL OR LEAK PROCEDURES

Use vacuum suction with HEPA filters to clean up spilled material. Use wet sweeping or a dust suppressant where sweeping is necessary. Avoid clean up procedures that may result in water pollution. Personal safety, handling and exposure recommendation described elsewhere in this data sheet apply to exposure during clean up of spilled material and must be followed.

VII. SPECIAL PROTECTION

VENTILATION: Local exhaust and ventilation should be provided to keep worker exposures within allowable limits. If airborne fiber levels are unknown, as minimum protection use half-mask air-purifying respirator equipped with high-efficiency particulate air filter cartridges. When handling refractory ceramic fiber products in monitored areas, Ductmate recommends that NIOSH/MSHA approved respirators be worn as outlined in the following table:

Concentration (8-hour TWA)

0-1 fiber/cc

1-5 fibers/cc

Minimum Acceptable Respirator Type

Optional disposable dust respirator.

Half-mask, air-purifying respirator equipped with high-efficiency particulate air (HEPA) filter cartridges.

5-25 fibers/cc

Full face-piece, air-purifying respirator with high-efficiency particulate air (HEPA) filter cartridges or powered air-purifying respirator (PAPR) equipped with HEPA filter cartridges.

Greater than 25 fibers/cc

Full face-piece, positive pressure supplied air respirator.

EYE PROTECTION: Wear safety glasses or chemical goggles to prevent eye contact. Contact lenses should not be worn unless chemical goggles are also used and care is taken not to touch the eyes with contaminated body parts or materials. Have eye washing facilities readily available where eye contact can occur.

SKIN PROTECTION: Wear gloves, head covering and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used. Do not take unwashed clothing home. Work clothes should be washed separately from other clothing and the washing machine rinsed thoroughly following use. Inform the launderer of the proper procedures. Store work clothes and street clothes separately to prevent contamination.

VIII. REACTIVITY DATA

STABILITY: Stable under conditions of normal use.

INCOMPATIBILITY: Soluble in hydrofluoric acid, phosphoric acid, and concentrated alkali

HAZARDOUS DECOMPOSITION: None

HAZARDOUS POLYMERIZATION: Not Applicable

IX. SPECIAL PRECAUTIONS

Warning! Possible cancer hazard by inhalation. IARC Group 2B - possible human carcinogen. May cause skin, eye, and respiratory tract irritation. May be harmful if inhaled. Hazard Depends on duration and level of exposure. White odorless bulk fibers.

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.

