

440 Gasket Safety Data Sheet (SDS, GHS Format)

May be used to comply with OSHA's Hazard Communication Standards 29 CFR 1910.1200. Standards must be consulted for specific requirements.

Section 1 - Identification**Manufacturer's Name & Address:**

Ductmate Industries Inc.
210 Fifth Street
Charleroi, PA 15022

Emergency Telephone Number:

ChemTel Inc. (800)255-3924, +1 (813)248-0585

Chemical Family:

Butyl Rubber Composite

Date Prepared:

01/01/2015

Product Use:

Extruded Rubber Sealer

Product Name:

440 Gasket

Section 2 – Hazards Identification

Hazardous Components: None

ACGIH TLV: No data

HMIS Ratings: Health: 1 Flammability: 0 Reactivity: 0

The primary components utilized in the manufacturing of this product are inert inorganic minerals, water, surfactants and polyisobutylene. These materials are believed to be non-hazardous and are listed under TOSCA regulations.

Effects of Acute Exposure to Product:

None known.

Effects of chronic Exposure to Product:

None known.

Exposure Limits:

None established.

Irritability of Product:

None known.

Sensitization to Product:

None known.

Carcinogenicity:

No evidence.

Teratogenicity:

None known

Reproductive Toxicity:

None known

Mutagenicity:

None known

Synergistic Products:

None known

Section 3 – Composition/Physical Properties

None of the components of this product are hazardous as defined by OSHA Hazard Communication Standard (29 CFR 1910.1200). If more information is required by a nurse or physician in the event of a medical emergency, contact us at the number listed in Section 1.

CAS Number:

n/a

n/a = Not applicable

Chemical Name:

n/a

Percent by Weight:

n/a

Section 4 – First Aid Measures
Specific Measures:

Eye Contact:	Do not remove, seek medical attention immediately.
Skin contact:	If too sensitive, seek medical attention.
Inhalation:	Not applicable
Ingestion:	Not likely, but if ingested, could constipate or create a blockage. Seek medical attention.

HMIS Health Rating: 1

Section 5 – Fire Fighting Measures

Extinguishing Media: Use water, foam, carbon dioxide, or dry chemical. Nitrogen oxides and carbon monoxides may be involved. Incomplete combustion can yield carbon monoxide and hydrocarbons.

HMIS Flammability Rating: 0

Section 6 – Accidental Release Measures

Leak or Spill Procedure: As the product is a solid, a spill is not really possible. If the material is dumped or falls into an undesirable location and is no longer usable, dispose of the material as described in Section 13 of this document.

Section 7 – Handling and Storage

Handling Procedures & Equipment:	Wash hands with soap and water before eating.
Storage Requirements:	Store in a cool, dry place. Avoid excessive heat and keep away from oxidizers.

Section 8 – Exposure Controls and Personal Protection
**Personal Protective Equipment:****HMIS “B” RATING**

Gloves (specify):	Cotton or other protective gloves.
Respirator (specify):	None needed.
Eye (specify):	Glasses or goggles recommended. Good industrial practice should be observed.
Footwear (specify):	Industrial shoes to protect skin from adhesive contact.
Clothing (specify):	Long sleeves, long trousers to protect skin from contact.
Other (specify):	None known

Section 9 – Physical and Chemical Properties

Physical State:	Extruded mastic	Odor & Appearance:	Soft, sticky mastic
Vapor Pressure:	n/a	Vapor Density:	n/a
pH:	n/a	Evaporation Rate:	n/a
Specific Gravity:	1.45 g/cc	Coeff. Water/Oil Dist.:	n/a
VOC (Grams/Liter):	n/a	Boiling Point (C):	n/a
Solubility in Water:	Insoluble	Odor Threshold (ppm):	n/a
Freezing Point (C):	n/a	Volatiles by Wt. (%):	n/a
Flash Point (C):	218 degrees COC		

n/a = Not applicable

Section 10 – Stability and Reactivity

Chemical Stability: Stable, no chemical decomposition.

Possibility of hazardous reactions: None are known.

Hazardous decomposition products: None are known.

GHS Reactivity Rating: 5

HMIS Reactivity Rating: 0

Section 11 – Toxicological Information

Route of Entry: Skin Contact (x) Skin Absorption () Eye Contact (x) Inhalation () Ingestion ()

Effects of Acute Exposure to Product: None known.

Effects of chronic Exposure to Product: None known.

Exposure Limits: None established.

Irritability of Product: None known.

Sensitization to Product: None known.

Carcinogenicity: No evidence.

Teratogenicity: None known

Reproductive Toxicity: None known

Mutagenicity: None known

Synergistic Products: None known

Section 12 – Ecological Information

Ecotoxicity: There is no evidence that this product is harmful to the environment.

Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.

Mobility: Accidental dropping may lead to mixing with soil, but there is no evidence that this would cause adverse ecological effects.

Section 13 – Disposal Considerations

To the best of our knowledge the product is not considered a hazardous waste based on U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in accordance with all local, state and federal regulations.

Section 14 – Transport Information

DOT Shipping Regulation: Not Regulated

IATA Shipping Regulation: Not Regulated –material not dangerous (non-hazardous)

Section 15 – Regulatory Information

OSHA		This product or its components are non-hazardous
SARA (311 or 312)	CAS Number:	n/a
	Chemical Name:	n/a
	Percent by Weight:	n/a
	Proposition 65:	This product does not contain any chemicals known to the state of California to cause cancer or birth defects
EU Directives		Meets the RoHS requirements
Canada: CEPA & DSL		Not regulated

Section 16 – Other Information

Prepared By:	Ductmate Industries Inc.
Phone Number:	(800) 245-3188
Date:	01/01/2015

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 11/14/96

REVISED DATE: 02/25/15

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

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

I. IDENTIFICATION

PRODUCT NAME: **Ductmate Neoprene Gasket**
PRODUCT CLASS: RUBBER

DUCTMATE INDUSTRIES, INC.
1502 Industrial Drive
E. Monongahela, PA 15063

II. HAZARDOUS INGREDIENTS

<u>MATERIAL</u>	<u>% WEIGHT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None			

III. PHYSICAL DATA

APPEARANCE: Black Strip
SOLUBILITY IN WATER: Negligible
SPECIFIC GRAVITY: 0.11-0.32

IV. HEALTH HAZARD DATA

ROUTE OF EXPOSURE: The product is physically handled, but under normal use, presents no serious hazard.

EFFECTS OF OVEREXPOSURE:

Acute Effect: No acute effects have been associated with the neoprene rubber.

Chronic Effects: No chronic effects have been associated with the neoprene rubber.

V. EMERGENCY AND FIRST AID

INHALATION: N/A

SKIN CONTACT: Wash area of contact with soap and water if irritated.

EYE CONTACT: Flush immediately with running water for fifteen minutes. If irritation persists, seek medical attention.

INDIGESTION: N/A

VI. FIRE AND EXPLOSION HAZARDS

FLASH POINT: N/A

The neoprene is fire-resistant relative to hydrocarbon rubbers.

EXTINGUISHING MEDIA: Use foam to extinguish the fire.

VII. SPILL OR LEAK PROCEDURES

Any scrap should be swept into a closed container for refuse or disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with appropriate federal, state, and local regulations.

VIII. SPECIAL PROTECTION

VENTILATION: General exhaust ventilation should be provided to keep worker exposures at a minimum.

RESPIRATORY PROTECTION: Equipment is not normally required. However, abnormal conditions may require one to wear NIOSH respirator equipment.

EYE PROTECTION: Personal protective equipment should be worn when there is a reasonable probability of injury.

PROTECTIVE GLOVES: As needed.

IX. CARCINOGENIC ASSESSMENT

The neoprene has NOT been identified as a suspect carcinogen by NTP, IARC, or OSHA.

X. REACTION DATA

STABILITY: Stable under normal conditions of handling and use.

CONDITIONS TO AVOID: Extreme heat source.

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION PRODUCT: N/A

HAZARDOUS POLYMERIZATION: Will not occur.

XI. SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Keep containers closed and store away from extreme heat and cold. DO NOT FREEZE. Keep away from chemicals that react with water.

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.

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 11/05/93

REVISED DATE: 11/04/16

Supercedes: Any previous M.S.D.S. On This Product

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

I. IDENTIFICATION

PRODUCT NAME: Ductmate PVC Cleat
PRODUCT CLASS: Vinyl Resin (Polyvinyl Chloride)

DUCTMATE INDUSTRIES, INC
210 5th St.
Charleroi, PA 15022

II. HAZARDOUS INGREDIENTS

<u>MATERIAL:</u>	<u>% WEIGHT</u>	<u>C.A.S. Number</u>	<u>OSHA PEL (mg/m³)</u>	<u>ACGIH TLV (mg/m³)</u>
Calcium Carbonate	3-7	1317-65-3	5	10
Titanium Dioxide	1-5	13463-67-7	15	10
Talc	0.1-1	14807-96-6	2	2
Calcium Stearate	0.5-1.5	1592-23-0	N/E	10
Vinyl Chloride Polymer		75-01-4		

III. PHYSICAL DATA

APPEARANCE: Light Grey, Solid Extrusion/Pellet, Slight characteristic odor

SOLUBILITY IN WATER: N/E

SPECIFIC GRAVITY: N/E

IV. HEALTH HAZARD DATA

ROUTE OF EXPOSURE: The product is physically handled, but under normal use, presents no serious hazard.

EFFECTS OF OVEREXPOSURE:

ACUTE EFFECT: The vinyl compound presents no significant health hazards. Eye, skin and respiratory tract irritation may occur if thermal decomposition of the polymer occurs.

CHRONIC EFFECTS: The vinyl compound presents no significant health hazards. If thermal decomposition occurs, the acute irritation prevents one from experiencing prolonged exposure.

V. EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Not applicable.

SKIN CONTACT: Wash area of contact with soap and water. If irritation persists, seek medical attention.

EYE CONTACT: Flush immediately with running water for fifteen minutes. If irritation persists, seek medical attention.

INGESTION: N/A

VI. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 391° C

AUTOIGNITION TEMPERATURE: 454° C

FLAMMABILITY: The polyvinyl chloride will only burn if there is a continuous application of intense heat.

EXTINGUISHING MEDIA: Use water, ABC dry chemical or protein-type air foam.

SPECIAL PROCEDURES: Positive pressure, self-contained breathing apparatus must be worn.

VII. SPILL OR LEAK PROCEDURES

Any scrap should be placed into a closed container for disposal.

Waste Disposal Method: Dispose of in accordance with appropriate federal, state and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

VENTILATION: General exhaust ventilation should be provided to keep worker exposures within allowable limits.

RESPIRATORY PROTECTION: Equipment is not normally required. However, abnormal conditions may require one to wear

NIOSH/MSHA: Approved positive pressure self-contained breathing apparatus.

EYE PROTECTION: Personal protective equipment should be worn when there is a reasonable probability of injury.

PROTECTIVE GLOVES: As needed.

IX. CARCINOGENIC ASSESSMENT

Polyvinyl Chloride has NOT been identified as a suspect carcinogen by NTP and IARC.

X. REACTIVITY DATA

STABILITY: Stable under normal conditions of handling and use.

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY: Avoid contact with strong oxidizers. Also avoid contact with acetal or acetal copolymers and with amine-containing compounds during processing.

HAZARDOUS DECOMPOSITION PRODUCT: Upon heating Hydrogen Chloride, carbon monoxide, carbon dioxide and small amounts of benzene, aliphatic and aromatic compounds are released.

HAZARDOUS POLYMERIZATION: Will not occur.

XI. SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Use good housekeeping practices to avoid excessive dust accumulation.

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.