

H1RAY1000-122 RAYLOC Asbestos Free Metallic Disc Brake Lining Material

MATERIAL SAFETY DATA SHEET

Codes: Brake Lining Material Effective Date: May, 2000

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Asbestos Free Metallic Disc Brake Lining Material

IDENTIFY BY EDGE CODE: SD-9008-FF

MANUFACTURER'S NAME:
TMD Friction Inc
3994 Pepperell Way
Dublin, Virginia 24084

TELEPHONE No.: 504-674-3550

MISCELLANEOUS INFORMATION:
Emergency Contact: Mary Alice Whisenant

SUPPLIER'S NAME:
Rayloc
Division of Genuine Parts Company
3100 Windy Hill Road
Atlanta, Georgia 30339

REVISION DATE: November 1, 2012

Section 2 - HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

COMPOSITION: Trade Secret

*NOTE: This product is an "Article" as defined by 29 CFR 1910.1200(c)

	CAS NUMBER	OSHA PEL	NIOSH IDLH	ACGIH TLV (1) UNITS
Quartz (0.1 - 0.6%)	14808-60-7	*	50 mg/m3	0.1 mg/m3

The ingredients of the product are considered a trade secret and confidential under 29 CFR 1910.1200(i). The information contained herein describes the properties and effects of the product when used according to the manufacturer's instructions.

*See 29 CFR 1910.1000, Table Z-3. The OSHA PEL varies by percent silica.

Section 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

The product is a solid. Routes of entry into the body include inhalation and accidental ingestion of dust if generated.

POTENTIAL HEALTH EFFECTS

Potential adverse health effects associated with:

Eye: Exposure to dust from this product may cause redness or irritation to the eyes or eyelids.

Skin: This product may cause allergic sensitization, rash or itching to exposed skin.

Inhalation: This product should not pose an inhalation hazard under normal conditions of use, when used in accordance with manufacturer's guidelines. However, inhalation of dust from the product may cause respiratory tract irritation.

Ingestion: Ingestion of dust from this product may cause digestive tract irritation and abdominal discomfort.

Chronic Exposure: Chronic exposure to dust from this product may cause difficulty breathing and pneumoconiosis.

Aggravated Medical Conditions: Diseases of the respiratory and cardiovascular system may be aggravated by exposure to dust from this product.

Section 4 - FIRST AID MEASURES

EYE: After contact with dust, irrigate under eyelids with water for 15 minutes and seek medical attention.

SKIN: After contact with constituents, wash off thoroughly with mild soap and water.

INHALATION: Move victim to fresh air; obtain medical attention as appropriate

INGESTION: Obtain prompt medical attention.

Section 5 - FIREFIGHTING MEASURES

FLASH POINT: Not determined.

AUTOIGNITION TEMPERATURE: Not determined.

FLAMMABLE LIMITS: Not determined.

FIRE EXTINGUISHING MEDIA: Water, Foam, ABC-Powder, or Halon.

SPECIAL FIREFIGHTING PROCEDURES: As with any fire, wear self-contained breathing apparatus and appropriate dermal protection equipment.

FIRE AND EXPLOSION HAZARDS: Under normal conditions, this product should not pose a fire or explosion hazard.

Section 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:

Wear appropriate personal protective equipment if large amounts of dust are generated. Avoid generating dust when collecting material. Collect waste for approved disposal in accordance with all Federal, State and Local laws and regulations.

Section 7 - HANDLING AND STORAGE

Avoid dust and dust accumulation. Dust removal by suitable industrial vacuum cleaner, central exhausting or wet methods. Store in ventilated, dry storage area away from corrosive materials (acids and bases), or oxidizers.

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Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION
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VENTILATION

Under some industrial conditions, use of local ventilation may be appropriate to control dust hazards.

RESPIRATORY PROTECTION

If needed, use a NIOSH-approved dust mask/respirator when exposed to respirable dust. Follow OSHA requirements found in 29 CFR 1910.134 regarding the use of respirators.

EYE PROTECTION

Use safety glasses with side shields when handling material.

SKIN PROTECTION

Use appropriate rubber gloves when handling material. Light protective clothing is recommended. Wash hands before eating.

Note: Personal protection information in section 8 is based upon general information for normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the assistance of an industrial hygienist or other qualified professional be sought.

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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Grey Solid
Odor:	Not characteristic
Boiling Point:	Not determined
Melting Point:	Not determined
Vapor Pressure:	Not determined
Vapor Density(Air=1):	Not determined
Solubility in Water:	Practically insoluble
Specific Gravity(H ₂ O=1):	Density= 2000 kg/m ³
Percent Volatile by Volume:	Not determined
Evaporation Rate(Ethyl Ether=1)	Not determined
Viscosity:	Not determined

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Section 10 - STABILITY AND REACTIVITY
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STABILITY: Under normal handling and storage conditions, this product is stable.

STORAGE CONDITIONS: Store in a dry location at room temperature.

INCOMPATIBILITY (MATERIALS TO AVOID): Do not store with corrosive materials (acids and bases), or oxidizers.

HAZARDOUS POLYMERIZATION: Hazardous polymerization is not expected to occur to this material

HAZARDOUS DECOMPOSITION PRODUCTS: At elevated temperatures, this product may decompose to release trace amounts of formaldehyde vapor. Decomposition products include CO and CO₂.

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Section 11 - TOXICOLOGICAL INFORMATION
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Allergic sensitivity from trace amounts of formaldehyde may occur due to exposure to this material.

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Section 12 - ECOLOGICAL INFORMATION
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Ecological data is not available.

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Section 13 - DISPOSAL CONSIDERATIONS
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Unused product should be discarded in accordance with existing federal, state, and local environmental regulations.

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Section 14 - TRANSPORT INFORMATION
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D.O.T. Shipping Name:	Non-regulated
Hazard Class:	Not applicable
ID Number:	Not applicable
Marking:	Not applicable
Label:	Not applicable
Placard:	Not applicable
Hazardous Substances/RQ:	Not applicable
Shipping Description:	Not applicable
Packaging References:	Not applicable

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Section 15 - REGULATORY INFORMATION
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Based on information presently available, this product does not meet any of the hazards definitions of 29 CFR Section 1910.1200.

NOTE: This product is an "Article" as defined by 29 CFR 1910.1200(c).

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Section 16 - OTHER INFORMATION
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This Material Safety Data Sheet is offered solely for your information, consideration, and investigation.

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