

RAYMARK FRICTION CO -- WOVEN BRAKE LINING,M9010-1 -- 3950-00-483-8285

===== Product Identification =====

Product ID:WOVEN BRAKE LINING,M9010-1

MSDS Date:03/20/1990

FSC:3950

NIIN:00-483-8285

MSDS Number: BPNZW

=== Responsible Party ===

Company Name:RAYMARK FRICTION CO

Address:123 E STIEGEL ST

City:MANHEIM

State:PA

ZIP:17545-1626

Country:US

Info Phone Num:717-560-0748

Emergency Phone Num:717-560-074

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Preparer's Name:D.ALAN FLOWERS

CAGE:82740

=== Contractor Identification ===

Company Name:RAYMARK FRICTION CO

Address:123 E STIEGEL ST

Box:City:MANHEIM

State:PA

ZIP:17545-1626

Country:US

Phone:717-665-2211

CAGE:82740

===== Composition/Information on Ingredients =====

Ingred Name:FIBERGLASS

CAS:65997-17-3

Fraction by Wt: 40-60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 RDUST Z-3

ACGIH TLV:10 MG/M3 9192

Ingred Name:MODIFIED PHENOLIC RESIN

Fraction by Wt: 20-30%

Other

REC Limits:NONE SPECIFIED

Ingred Name:ORGANIC FIBER (NON-HAZARDOUS)  
Fraction by Wt: 12-18%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST 9192

Ingred Name:BRASS WIRE (NON-HAZARDOUS)  
Fraction by Wt: 12-18%  
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: DIRECT C  
ONTACT MAY CAUSE  
MECHANICAL IRRITATION. SKIN: TRANSIENT MECHANICAL IRRITATION,  
INHALATION: MAY CAUSE TEMPORARY UPPER RESPIRATORY IRRITATION.  
INGESTION: UNLIKELY TO OCCUR.  
Explanation of Carcinogenicity:DESIGNATED BY IARC AS "NOT CLASSIFIABLE  
AS TO HUMAN CARCINOGENICITY." NOT LISTED BY NPT OR BY OSHA.  
Effects of Overexposure:EYES: MECHANICAL IRRITATION. SKIN: MECHANICAL  
IRRITATION. INHALATION: UPPER RESPIRATORY IRRITATION. INGESTION:  
UNLIKELY TO OCCUR.  
Medical Cond Aggrava  
ted by Exposure:ANY CONDITION GENERALLY AGGRAVATED  
BY MECHANICAL IRRITANTS IN AIR OR ON SKIN.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION  
PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND  
WATER. INHALATION: MOVE TO FRESH AIR. INGESTION: UNLIKELY TO OCCUR.  
OBSERVE INDIVI DUAL. IF SYMPTOMS DEVELOP, GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====  
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Extinguishing Media:WATER, FOAM, DRY CHEMICAL.  
Fire Fighting Procedures:IN A SUSTAINED FIRE, SELF-CONTAINED BREATHING  
APPARATUS (SCBA) SHOULD BE WORN.  
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:USE VACUUM IF DUST INVOLVED. WET-SWEEP IF  
VACUUM NOT AVAILABLE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and

Storage Precautions:STORE IN A DRY AREA.

Other Precautions:ANY FIBER OR DUST MAY BE HAZARDOUS TO YOUR HEALTH.

USE RESPIRATOR AND/OR OTHER DUST CONTROL MEASURES AS WELL AS EYE PROTECTION WHEN HANDLING OR PROCESSING THIS PRODUCT. DO NOT INGEST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR A NIOSH APPROVED NUISANCE DUST RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:USE LOCAL EXHAUST VENTILATION.

Protective Gloves:MAY REDUCE SKIN IRRITATION.

Eye Protection:GOGGLES MAY BE NEEDED IN SOME OPERATIONS

Other Protective Equipment:WEAR LONG SLEEVE SHIRTS, LOOSE FITTING CLOTHING.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING SEPARATELY AND BEFORE REUSE.

Supplemental Safety and Health

THE "TIR" REPORT INDICATES ASBESTOS MATERIAL. HOWEVER, THE MANUFACTURER'S MSDS DOES NOT LIST ASBESTOS AS AN INGREDIENT. THE INFORMATION IN THE MANUFACTURER'S MSDS IS CONSIDERED TO CONTAIN THE MORE UP- TO-DATE INFORMATION.

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:1.6

Appearance and Odor:TAN SOLID. LITTLE OR NO ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:AVOID CREATING DUST. VACUUM WHEN POSSIBLE.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY RELEASE TOXIC MATERIALS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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