

RAYMARK FRICTION CO -- ASBESTOS FELT MATERIAL;US9526-D1 -- 5970-01-332-4391

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

Product ID:ASBESTOS FELT MATERIAL;US9526-D1

MSDS Date:11/17/1986

FSC:5970

NIIN:01-332-4391

MSDS Number: BVFTW

=== Responsible Party ===

Company Name:RAYMARK FRICTION CO

Address:123 E STIEGEL ST

City:MANHEIM

State:PA

ZIP:17545-1626

Country:US

Info Phone Num:717-665-2211,X324, FAX:717-665-2794

Emergency Phone Num:717-665-2211

Preparer's Name:RONALD L.RAMSEY

CAGE:82740

=== Contractor Identification ===

Company Name:BF GOODRICH CO AEROSPACE DIV AIRCRAFT WHEEL &BRAKE

Address:WACO ST

Box:340

City:TROY

State:OH

ZIP:45373-3835

Country:US

Phone:513-339-3811

CAGE:97153

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:

ASBESTOS, CHRYSOTILE
CAS:12001-29-5
RTECS #:CI6478500
Fraction by Wt: 70-76%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:2 FIBERS/CC; A1;9394

Ingred Name:PHENOLIC RESIN
Fraction by Wt: 24-30%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR ASBESTOS IS 0.2FIBERS/CC
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards
Acute and Chronic:HEALTH HAZARD-HAZARD WOULD ARISE ONLY
IF PRODUCT IS SUBJECTED TO MECHANICAL ACTION THAT WOULD RELEASE
FIBERS.ACUTE HAZARD:EYE AND SKIN IRRITATION. CHRONIC
HAZARD:INHALATION OF AIRBORNE FIBERS CAN CAUS E ASBESTOSIS,LUNG
CANCER AND MESOTHELIOMA.INGESTION CAN CAUSE CANCER OF GI TRACT AND
LARYNX.
Explanation of Carcinogenicity:CONTAINS ASBESTOS WHICH IS LISTED BY NTP
AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE/SKIN:IRRITATION
. INHALATION:LABORED
BREATHING,RESTRICTED PULMONARY FUNCTION.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.
HIGHER RISK WITH SMOKERS.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF
IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH SOAP AND WATER WHILE
REMOVING CONTAMINATED CLOTHING AND SHOES.IF IRR
ITATION PERSISTS,SEE
DOCTO R. INHALATION:REMOVE VICTIM TO FRESH AIR.SEE DOCTOR.
INGESTION:NO SPECIFIC ACTION.SEE DOCTOR.

===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:FI

RE CONDITIONS MAY RELEASE FREE
ASBESTOS.COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS
DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WET WASTE;VACUUM WITH HEPA FILTERED VACUUM
CLEANER. WEAR PROTECTIVE EQUIPMENT AND HALF FACE RESPIRATOR WITH
HEPA FILTERS.PLACE COLLECTED MATERIAL IN AN APPROPRIATE LABELLED
CONTAINER FOR DISPOSAL.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN CLEAN,DRY PLACE,AWAY FROM
STRONG OXIDIZING AGENTS. NORMAL WASH UP AFTER HANDLING IS
RECOMMENDED.
Other Precautions:ASBESTOS IS BONDED BY AN ELASTOMETER COMPOUND,
HOWEVER, DO NOT MISUSE BY IMPROPER CUTTING OR HANDLING.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF FIBERS MAY BE
RELEASED, USE NIOSH APPROVED HALF FACE RESPIRATOR
WITH HEPA
FILTERS.
Ventilation:NO SPECIAL REQUIREMENT UNDER NORMAL CONDITIONS. IF FIBERS
MAY BE RELEASED, USE LOCAL EXHAUST VENTILATION.
Protective Gloves:NOT NORMALLY REQUIRED.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
AS MANUFACTURED, LOCKED-IN ASBESTOS DOES NOT PRESENT A HAZARD. ONLY

WHEN THE ITEM IS SUBJECTED TO ABRASIVE ACTIONS AND DUST IS
GENERATED, THEN ASBESTOS FIBERS MAY BE RELEASED AND BECOME
AIRBORNE.

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

HCC:T7
Spec Gravity:0.6
Appearance and Odor:FELT;TAN;PHENOLIC ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION
H

azardous Decomposition Products:SMOKE,CARBON MONOXIDE,HYDROGEN
CHLORIDE,CHLORINE BEARING DECOMPOSITION PRODUCTS,ASBESTOS
FIBERS,UNKNOWN PRODUCTS.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
ASBESTOS DUST SHOULD BE WETTED AND VACUUMED UP WITH HEPA FILTERED
VACUUM CLEANER,SEALED IN A PLASTIC BAG,AND TURNED IN TO DISPOSAL
COMPANY.DISPOSE OF IN ACCOR DANCE WITH ALL LAWS AND REGULATIONS.

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