

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:717-665-2

794

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.

===== Handl
ing 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.

D

isclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation

.