

RAYMARK CORP -- US 9526-D 1,304-176 -- 5835-01-182-4855

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

Product ID:US 9526-D 1,304-176

MSDS Date:11/17/1986

FSC:5835

NIIN:01-182-4855

MSDS Number: BXJXV

=== Responsible Party ===

Company Name:RAYMARK CORP

Address:123 E STIEGEL ST

City:MANHEIM

State:PA

ZIP:17545

Country:US

Info Phone Num:717-665-2211

Emergency Phone Num:717-665-2211

Preparer's Name:RONALD L. RAMSEY

CAGE:8X148

=== Contractor Identification ===

Company Name:BF G

OODRICH 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 CORP

Address:123 E STIEGEL ST

Box:City:MANHEIM

State:PA

ZIP:17545-1626

Country:US

Phone:717-665-2211

CAGE:8X148

===== 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

AC

GIH TLV:2 FIBERS/CC,A1; 9495

Ingred Name:PHENOLIC RESIN

Fraction by Wt: 24 - 30%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT RELEVANT.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, LUNGS.

ACUTE- MAY CAUSE EYE & SKIN IRRITATION. INGESTION UNLIKELY.

INHALATION MAY

CAUSE RESPIRATORY TRACT IRRITATION. CHRONIC-

INHALATION MAY CAUSE ASBESTOSIS & LUNG DISORDER S/CANCER. SMOKING

GREATLY INCREASES CANCER RISKS. SYMPTOMS SUCH AS LABORED BREATHING

MAY SHOW 15-20 YEARS LATER.

Explanation of Carcinogenicity:CONTAINS A [1332-21-4] WHICH IS

LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:BREATHING DIFFICULTY, IRRITATION

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

RESPIRATORY OR LUNG PROBLEMS

SHOULD AVOID BREATHING AIRBORNE DUST

FROM THIS PRODUCT.

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

First Aid:SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP. IN CASE OF EYE

IRRITATION GENTLY RINSE WITH WATER FOR 15 MINUTES WHILE KEEPING

EYELIDS OPEN. DO NOT RUB EYES. SKIN: WASH FREQUENTLY WITH SOAP AND

WATER. INH ALATION: REMOVE TO FRESH AIR. INGESTION: UNLIKELY.

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

Flash Point:NON-FLAMMAB

LE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED

CONTAINERS.

Fire Fighting Procedures:AVOID BREATHING FUMES. WEAR PROTECTIVE

CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS

OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC GASES AND ASBESTOS FIBERS MAY BE

RELEASED.

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

Spill Release Proced

ures:WEAR PROTECTIVE EQUIPMENTS. TREAT DUST AS FREE
ASBESTOS. DO NOT DRY SWEEP OR USE COMPRESSED AIR. WET METHOD SHOULD
BE USED FOR EXTRACTION OF DUST AND DEBRIS. HIGH EFFICIENCY
PARTICULATE APPARATUS (HEP A) VACUUMS SHOULD BE USED. AVOID
WATER-POLLUTION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN CLOSED BOXES THAT ARE CLEARLY
LABELED WITH ASBESTOS WARNINGS. STORE IN ACCORDANC
E WITH 29 CFR
1910.1001.

Other Precautions:AFTER HANDLING, DO NOT SMOKE, EAT OR APPLY COSMETIC
UNTIL THOROUGHLY WASHED WITH WARM WATER AND SOAP. DO NOT RAISE
DUST. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:USE NIOSH APPROVED HIGH EFFICIENCY FIBERS/FUMES
RESPIRATOR WHEN AIRBORNE FIBER CONCENTRATIONS EXCEED THE PEL.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:LEATHER, COTTON OR RUBBER IF FRIABLE

Eye Protection:DUST-RESISTANT SAFETY GOGGLES IF FRIABLE

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, WORK
CLOTHING AND APRON AS REQUIRED. DO NOT WEAR CONTACT LENSES

Work Hygienic Practices:DON'T TAKE PROTECTIVE GEAR/CLOTHING HOME IF
EXPOSED TO DUST. DON'T SHAKE. DON'T EAT IN AREA WHERE ASBESTOS/DUST
PRESENT.

Supplemental Safety and Health

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

HCC:T7

NRC/State Lic Num:NOT RELEVANT

Melt

/Freeze Pt:M.P/F.P Text:NOT KNOWN

Spec Gravity:0.6

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Appearance and Odor:TAN FELT WITH PHENOLIC ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:RAISING DUST

Hazardous Decomposition Products:TOXIC GASES AND ASBESTOS FIBERS MAY BE
RELEASED.

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

Waste Disposal M

ethods:APPROVED LANDFILL. WASTE SHOULD BE CONTAINED IN
IMPERMEABLE BAGS, LABELED AND DISPOSED IN ACCORDANCE WITH ALL
LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (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 utilizin

g this

document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.