

FERODO AMERICA -- MG-18 BRAKE LINING-CURED -- 2530-01-127-4082

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

Product ID:MG-18 BRAKE LINING-CURED

MSDS Date:07/19/1991

FSC:2530

NIIN:01-127-4082

MSDS Number: BPQXD

=== Responsible Party ===

Company Name:FERODO AMERICA

Address:1 GRIZZLY LN

City:SMITHVILLE

State:TN

ZIP:37166

Country:US

Info Phone Num:800-626-5093

Emergency Phone Num:800-626-5093/800-424-9300(CHEMT
REC)

CAGE:FEROD

=== Contractor Identification ===

Company Name:FERODO AMERICA

Address:1375 HEIL QUAKER BOULEVARD

Box:7010

City:LAVERGNE

State:TN

ZIP:37086-7010

Country:US

Phone:800-646-5093

CAGE:FEROD

Company Name:FERODO AMERICA - PREVIOUSLY NUTURN CORP.

Address:1 GRIZZLY LN

Box:City:SMITHVILLE

State:TN

ZIP:37166

Country:US

Phone:800-626-5093/800-424-9300(CHEMTREC)

CAGE:0V0F1

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

Ingred Name:ASBESTOS (FRIABLE) (SARA III)

CAS:1332

-21-4
RTECS #:CI6425000
Fraction by Wt: > 50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1001
ACGIH TLV:0.2 - 2 FIBERS/CC
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TALC (CONTAINING ASBESTOS)
CAS:14807-96-6
RTECS #:MW2700000
Fraction by Wt: < 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 FIBERS/CC
ACGIH TLV:0.2 FIBERS/CC; 9293

Ingred Name:COAL DUST
Fraction by Wt: < 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/CM RDUST(MFR)
ACGIH TLV:0.1 MG/CM RDUST(MFR)

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

LD50 LC50 Mixture:TLV FOR ASBESTOS FIBER IS 0.2 FIBERS/CC.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE-NONE UNDER NORMAL CONDITIONS OF
USE.GRINDING,SANDING OR MACHINING MAY PRODUCE DUST THAT CAN CAUSE
IRRITATION OF EYES,SKIN & RESPIRATORY PASSAGES.CHRONIC-LONG TERM
EXPOSURE TO ASBESTOS CAN CAUSE IRREVERSIBLE ASBESTOSIS,
LUNG
DISEASE,LUNG CANCER.INGESTION OF DUST MAY CAUSE GI IRRITATION. SKIN
CONTACT CAUSES RASH.
Explanation of Carcinogenicity:ASBESTOS IS REGULATED BY OSHA AS A
CARCINOGEN.
Effects of Overexposure:NONE UNDER NORMAL CONDITIONS OF USE. GRINDING,
SANDING OR MACHINING MAY PRODUCE DUST THAT CAN CAUSE IRRITATION OF
EYES, SKIN & RESPIRATORY PASSAGES. LONG TERM EXPOSURE TO ASBESTOS
CAN CAUSE IRREVERSIB LE ASBESTOSIS, LUNG DISEASE, LUNG CANCER.
INGESTION OF DUST MAY CAUSE GI IR

IRITATION. SKIN CONTACT CAUSES
RASH.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN
DISORDERS SUCH AS DERMATITIS, LUNG DISEASE OR ANY CONDITION THAT
MAY BE AGGRAVATED BY NUISANCE DUST OR FIBERS.

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

First Aid: SHOULD NOT BE NECESSARY FROM A PROPER HANDLING. HOWEVER, SEEK
MEDICAL ATTENTION IF SYMPTOMS DEVELOP. IN CASE OF EYE IRRITATION
GENTLY RINSE WITH WATER FOR 15 MINUTES WHILE KEEPING EYE LID
S OPEN.
SKIN: WASH FREQUENTLY WITH SOAP AND WATER. INHALATION: REMOVE TO
FRESH AIR. INGESTION: CALL PHYSICIAN.

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

Flash Point: NON FLAMMABLE
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: ASBESTOS FIBERS MAY BE RELEASED IN A
FIRE. THIS PRODUCT IS INHERENTLY FLAME RESISTANT BUT MAY IGNITE AT
TEMPERATURES ABOVE 1112F(600C) IN AN OXYGEN ENRICHED AIR.

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

Spill Release Procedures: 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 (HEPA)
VACUUMS SHOULD BE USED.
Neutralizing Agent: NOT APPLICABLE.

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

Handling and Storage Precautions: STORAGE- AVOID CREATING DUST BY
SANDING OR GRINDING THE PRODUCT.
Other Precautions: USE IN WELL VENTILATED AREA. AVOID BREATHING DUST OR
FIBERS. MINIMIZE CONTACT WITH SKIN. AVOID CONTACT WITH EYES. DO NOT
RAISE DUST. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR
DRINKING. KEEP AWAY FROM REACH OF CHILDREN.

===== Exposure Controls/Personal Prot

ection =====

Respiratory Protection:USE NIOSH APPROVED HIGH EFFICIENCY FIBERS/FUMES
RESPIRATOR WHEN AIRBORNE FIBER CONCENTRATIONS EXCEED THE PEL.
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV. CHECK LOCAL REGULATIONS
FOR EMISSION STANDARDS.

Protective Gloves:LEATHER, COTTON OR RUBBER AS NEEDED

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

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

Work Hygien

ic 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

THIS PRODUCT IS FULLY CURED IN THE MANUFACTURING PROCESS.

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

HCC:T6

Spec Gravity:1.8 - 1.9

Solubility in Water:INSOLUBLE

Appearance and Odor:SOLID - LINSEED OIL ODOR

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

Stability Indicator/Mat

erials to Avoid:YES

NONE

Stability Condition to Avoid:STABLE AT NORMAL TEMPERATURES AND STORAGE
CONDITIONS.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:WASTE SHOULD BE CONTAINED IN IMPERMEABLE BAGS,
LABELED AND DISPOSED IN ACCORDANCE WITH ALL LOCAL, STATE AND
FEDERAL REGULATIONS.

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