

WELLMAN S K CORP THE, SUB OF MLX CORP -- SINTERED FRICTION MATERIAL --  
2520-00-949-0816

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

Product ID:SINTERED FRICTION MATERIAL

MSDS Date:03/15/1991

FSC:2520

NIIN:00-949-0816

MSDS Number: BPMTW

=== Responsible Party ===

Company Name:WELLMAN S K CORP THE, SUB OF MLX CORP

Address:6190 COCHRAN RD

City:SOLOON

State:OH

ZIP:44139-2952

Country:US

Info Phone Num:216-498-227

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Emergency Phone Num:216-498-2275

CAGE:79370

=== Contractor Identification ===

Company Name:WELLMAN S K CORP THE; SUB OF MLX CORP

Address:6190 COCHRAN RD

Box:City:SOLOON - FORMERLY BEDFORD

State:OH

ZIP:44139-2952

Country:US

Phone:216-498-2275

CAGE:79370

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

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Fraction by Wt: SECRET

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2MG/M3 FUME;

9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9293

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:GRAPHITE, NATURAL  
CAS:7782-42-5  
RTECS #:MD9659600  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MPPCF RDUST  
ACGIH TLV:2 MG/M3  
RDUST; 9293

Ingred Name:IRON  
CAS:6596-57-0  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:SILICON DIOXIDE (AMORPHOUS)  
CAS:67762-90-7  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Ha

zards Acute and Chronic:COPPER-CAUSES HEMOLYSIS OF RED BLOOD CELLS, DEPOSITS OF HEMOFUSCIN IN THE LIVER AND POSSIBLE INJURY TO LUNG CELLS. IRON/TIN-SLIGHT UPPER RESPIRATORY IRRITATION POSSIBLE. LEAD-CHRONIC EXPOSURE TO LEAD CAN RESULT IN TOXIC EFFECTS.  
Explanation of Carcinogenicity:CONTAINS UNKNOWN AMOUNTS OF LEAD.  
Effects of Overexposure:INHALATION OF HIGH CONCENTRATIONS OF DUST MAY CAUSE INTENSE SNEEZING, WEAKNESS, AND FEVER. IRON-COUGHING METAL TASTE IN MOUTH.

Medical Con  
d Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:SKIN-WASH WITH SOAP AND WATER. EYES-FLUSH WITH WATER AND CONTACT PHYSICIAN. INGESTION-UNLIKELY, CONTACT A PHYSICIAN. INHALATION-REMOVE FROM EXPOSURE. CONTACT PHYSICIAN.

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Fire Fighting Measures  
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Extinguishing Media:FOAM.  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:NOT APPLICABLE.

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Handling and Storage  
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Handling and Storage Precautions:NO SPECIAL PRECAUTIONS FOR SAFETY OR HEALTH PURPOSES.  
Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR WHEN EXPOSED TO BRAKE WEAR PRODUCTS.  
Ventilation:NO SPECIAL REQUIREMENTS.  
Protective Gloves:OPTIONAL

Eye Protection:OPTIONAL  
Other Protective Equipment:OPTIONAL  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE

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

HCC:N1  
Melt/Freeze Pt:M.P/F.P Text:>1550F,>843  
Spec Gravity:5.20  
Solubility in Water:INSOLUBLE  
Appearance and Odor:COPPER COLOR IN APPERANCE, NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIE  
D BY MANUFACTURER.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:METAL SCRAP. REFER TO LOCAL ORDINANCE.

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