

BUEHLER LTD -- ZIRMET METSPLICE BELTS,16-5400-060-005 -- 5345-01-167-4893

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

Product ID:ZIRMET METSPLICE BELTS,16-5400-060-005

MSDS Date:03/21/1990

FSC:5345

NIIN:01-167-4893

MSDS Number: BWFPN

=== Responsible Party ===

Company Name:BUEHLER LTD

Address:41 WAUKEGAN RD

City:LAKE BLUFF

State:IL

ZIP:60044

Country:US

Info Phone Num:708-295-6500

Emergency Phone Num:708-295-6500

Preparer's Name:THOMAS R. DERAM

CAGE:09410

=== Contractor Identification ===

Company Name:BUEHLER LTD.

Address:41 WAUKEGAN RD.

Box:City:LAKE BLUFF

State:IL

ZIP:60044-1687

Country:US

Phone:847-295-8500

CAGE:09410

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

Ingred Name:ALUMINUM OXIDE

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:ZIRCONIUM OXIDE

CAS:1314-23-4

RTECS

#:ZH8800000  
Fraction by Wt: 40%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS ZR  
ACGIH TLV:5 MG/M3 AS ZR

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE SKIN ABRASIONS. INHALATION OF DUSTS MAY CAUSE COUGHING, SHORTNESS OF BREATH. NO KNOWN ADVERSE EFFECTS BY INGESTION, BUT INGESTION NOT RECOMMENDED. MAY CAUSE EYE IRRITATION. CHRONIC- DUST MAY AFFECT BREATHING CAPACITY.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES AND SKIN IRRITATION; COUGHING, SHORTNESS OF BREATH

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:GET MEDICAL ATTENTION IF NEEDED.

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

Flash Point:NONE  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.  
Fire Fighting Procedures:AS WITH ANY FIRE, WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:NORMAL CLEANUP PROCEDURES. DO NOT RAISE DUST. DO NOT BREATHE DUST.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AND HANDLE WITH ADEQUATE VENTILATION. A FORMALDEHYDE OR PHENOLIC RESIN ODOR MAY BE OCCASIONALLY RELEASED DURING STORAGE.  
Other Precautions:DO NOT RAISE DUST

ST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK (OSHA 29 CFR 1910.134).

Ventilation:LOCAL AND/OR MECHANICAL RECOMMENDED

Protective Gloves:RUBBER AS DESIRED BY USER

Eye Protection

:SAFETY GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:UNKNOWN

Appearance and Odor:CLOTH COATED WITH ABRASIVE MATERIAL

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:FUMES MAY BE GENERATED.

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

Waste Disposal Methods:STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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