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WORLD ABRASIVES COMPANY, INC. -- COATED ABRASIVE ALUMINUM OXIDE: 163,175,194 --
1440-00-152-3172

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

Product ID:COATED ABRASIVE ALUMINUM OXIDE: 163,175,194

MSDS Date:04/30/1986

FSC:1440

NIIN:00-152-3172

Kit Part:Y

MSDS Number: BJQMQ

=== Responsible Party ===

Company Name:WORLD ABRASIVES COMPANY, INC.

Address:1866 EASTERN PARKWAY

City:BROOKLYN

State:NY

ZIP:11233-4398

Country:US

Info Phone Num:718-495-4300

Emergency Phone Num:718-495-4300

Preparer's Name:AL KITTLESON

CAGE:0CLX1

=== Contractor Identification ===

Company Name:EUR-PAC CORP.

Address:112 PORTER ST

Box:City:WATERBURY

State:CT

ZIP:06708

Country:US

Phone:203-756-0102 / FAX 0103

CAGE:8B805

Company Name:WORLD ABRASIVES COMPANY, INC.

Address:1866 EASTERN PARKWAY

Box:City:BROOKLYN

State:NY

ZIP:11233-4398

Country:US

Phone:718-495-4300

CAGE:0CLX1

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

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Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS FORMS) (SARA III)
CAS:1344-28-1
RTECS #:BD1200000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA
CAS:112945-52-5
RTECS #:VV7310000
Other REC Limits:NONE SPECIFIED
OSHA PEL:6 MG/M3 TDUST
ACGIH TLV:10 MG/M3 T
DUST

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3;TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE EXPOSURE MAY CAUSE BREATHING DIFFICULTY; SKIN, EYE, NASAL & RESPIRATORY IRRITATION. FLUORIDE SALTS CAN CAUSE GASTRIC PAIN, INTERNAL BLEEDING, TISSUE DAMAGE & DEATH. CHRONIC EXPOSURE TO FLUORIDE COMPOUNDS HAS BEEN REPORTED TO CAUSE OSTEOCLOROSIS, MOTTLING OF TOOTH ENAMEL & DAMAGE TO SKIN, EYE AND MUCOUS MEMBRANES.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:ACUTE EXPOSURE MAY CAUSE BREATHING DIFFICULTY; SKIN, EYE, NASAL & RESPIRATORY IRRITATION. FLUORIDE SALTS CAN CAUSE GASTRIC PAIN, INTER

NAL BLEEDING, TISSUE DAMAGE & DEATH. CHRONIC
EXPOSURE TO FLUORIDE COMPOUNDS HAS BEEN REPORTED TO CAUSE
OSTEOCLOROSIS, MOTTILING OF TOOTH ENAMEL & DAMAGE TO SKIN, EYE AND
MUCOUS MEMBRANES.
Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF EYE, SKIN
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid: EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.
GET MEDICAL A
TTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION:
REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

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

Flash Point: NONE
Autoignition Temp: Autoignition Temp Text: NONE
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, OR OTHER MEDIA
APPROVED FOR ORDINARY COMBUSTIBLE "CLASS A FIRE" MATERIALS.
Fire Fighting Procedures: NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: USE ORDINARY PRECAUTIONS FOR DUSTS AND
PARTICULATES.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: NONE SPECIFIED BY MANUFACTURER.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection: IF LIMITS ARE EXCEEDED DURING SAND
ING OR
GRINDING, AN APPROVED NIOSH RESPIRATOR MUST BE USED.
Ventilation: LOCAL EXHAUST HOOD WITH DUST COLLECTOR MUST BE USED TO
CONTROL EXPOSURE TO DUST OR FUMES.
Protective Gloves: WORK GLOVES
Eye Protection: SAFETY GLASSES/GOGGLES WHILE SANDING
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
THIS IS PART OF A KIT SU

PLIED BY EUR-PAC INC.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:1832F,1000C

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRANULAR, WHITE TO LIGHT BROWN ABRASIVE. NO ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:DURING MELTING AT ELEVATED
TEMPERATURES, VARIOU

S FLUORIDE COMPOUNDS MAYBE LIBERATED.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS.

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