

BLACK AND DECKER /US/ INC -- 43000/18061/18062 VITRIFIED ALUMINUM OXIDE ABRASIVE PRODUCTS -- 3460-01-260-7105

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

Product ID:43000/18061/18062 VITRIFIED ALUMINUM OXIDE ABRASIVE PRODUCTS

MSDS Date:11/14/1985

FSC:3460

NIIN:01-260-7105

MSDS Number: CCJCW

=== Responsible Party ===

Company Name:BLACK AND DECKER /US/ INC

Address:701 E JOPPA RD

City:TOWSON

State:MD

ZIP:2120

4-5502

Country:US

Info Phone Num:301-583-3900

Emergency Phone Num:301-583-3900

CAGE:07429

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:BAY STATE/STERLING INC

Address:12 UNION STREET

Box:City:WESTBOROUGH

State:MA

ZIP:01581-1459

Country:US

Phone:508-366-4431

CAGE:70752

Company Name:BLACK AND DECKER /US/ INC

Address:701 E JOPPA RD

Box:City:TOWSON

State:MD

ZIP:21204-5

502  
Country:US  
Phone:301-583-3900  
CAGE:07429

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

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (SARA 313)  
CAS:1344-28-1  
RTECS #:BD1200000  
Fraction by Wt: +50%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:GLASS  
Fraction by Wt: +4%  
Other REC Limits:NONE RECOMMENDED  
RTECS #:9999999ZZ  
Fraction by Wt: NA  
Other REC Limits:NONE RECOMMENDED

Ingred Name:GRAPHITE, NATURAL  
CAS:7782-42-5  
  
RTECS #:MD9659600  
Fraction by Wt: +1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MPPCF; Z-3  
ACGIH TLV:2 MG/M3 RDUST; 9596

Ingred Name:SULFUR  
CAS:7704-34-9  
RTECS #:WS4250000  
Fraction by Wt: +1%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PARAFFIN WAX  
CAS:8002-74-2  
RTECS #:RV0350000  
Fraction by Wt: +1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3 (FUME)  
ACGIH TLV:2 MG/M3 (FUME); 9596

Ingred Name:RESIN, CURED  
Fraction by Wt: +1%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICATE

Fraction by Wt: +1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:TLV:10MG/M3-ALUNINA.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:GRINDING WHEELS BREAK DOWN DURING USE  
& THE RESULTING DUST IS CLASSIFIED BY OSHA AS INERT OR NUISANCE  
DUST AND WOULD HAVE THE PULMONARY EFFECTS OF IN  
ERT DUST.  
Effects of Overexposure:PULMONARY EFFECTS OF INERT DUST.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IF INHALATION OVEREXPOSURE OCCURS REMOVE TO FRESH AIR &  
CONTACT PHYSICIAN IF NECESSARY.

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

Flash Point:NA  
Autoignition Temp:Autoignition Temp Text:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:NOT APPLIC  
ABLE. HMIS:USE APPROPRIATE FIRE  
EXTINGUISHING MEDIA FOR SURROUNDING FIRE/MATLS.  
Unusual Fire/Explosion Hazard:DOES NOT BURN OR EXPLODE.

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

Spill Release Procedures:VENTILATE AREA & COLLECT MATERIAL IN MOST  
CONVENIENT AND SAFE MANNER FOR RECLAMATION OR DISPOSAL.

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

Handling and Storage Precautions:TAKE MEASURES TO INSURE AGAINST  
MECHANICAL DAMAGE.  
Other

Precautions:STORE IN ACCORDANCE WITH ANSI B7.1.RESPIRATORY PROTECTION MAY BE REQUIRED IN AN EXTREMELY DUSTY ENVIRONMENT.REFER TO ANSI Z43.1 FOR ADDN RECOMMENDATIONS.USE ACCORDING TO INSTRUCTIONS PACKED WITH WHEEL S.

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

Respiratory Protection:MSHA/NIOSH APPROVED DUST RESPIRATORS MAY BE REQUIRED.  
Ventilation:UTILIZE LOCAL EXHAUST TO KEEP DUST BELOW TLV.  
Protective Gloves:MAY BE REQUIRED IN GRINDING OPERATIONS.  
Eye Protection:REQUIRED.  
Other Protective Equipment:IF APPLICABLE.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:NA  
Melt/Freeze Pt:M.P/F.P Text:NP  
Decomp Temp:Decomp Text:NP  
Vapor Pres:NA  
Vapor Density:NA  
Spec Gravity:VAIRES  
pH:NP  
Viscosity:NP  
Evaporation Rate & Reference:NA  
Solubility in Water:NA  
Appearance and Odor:RED,PINK,BROWN,BLUE,GRAY OR WHITE SOLID,NO ODOR.  
  
Percent Volatiles by Volume:NP  
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.  
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:SEALED CONTAINERS DISPOSED OF IN SECURED SANITARY LANDFILL AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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cies):

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