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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:212

04-5502

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:212045502 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-

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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:SILICAT

Ε 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 I NERT DUST. Effects of Overexposure: PULMONARY EFFECTS OF INERT DUST. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid:IF INHALATION OVEREXPOSURE OCCURS REMOVE TO FRESH AIR & CONTACT PHYSICIAN IF NECESSARY. Flash Point:NA Autoignition Temp: Autoignition Temp Text: NA Lower Limits:NA **Upper Limits:NA** Extinguishing Media: NOT APPLI CABLE, HMIS: USE APPROPRIATE FIRE EXTINGUISHING MEDIA FOR SURROUNING 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 RECLAIMATION OR DISPOSAL.

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

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

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r Precautions:STORE IN ACCORDANCE WITH ANSI B7.1.RESPIRATORY PROTECTION MAY BE REQURIED 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. 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 & Dr. 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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