

MOLDENT BUFFING AGENT

MSDS Number

BJBQG

National Stock Number

6520-00F012097

Product Name

MOLDENT BUFFING AGENT

Manufacturer

MOTLOID COMPANY

Product Identification

Product ID:MOLDENT BUFFING AGENT

MSDS Date:08/01/1988

FSC:6520

NIIN:00F012097

MSDS Number: BJBQG

Responsible Party

MOTLOID COMPANY

730 WEST LAKE STREET

CHICAGO , IL 60606

Emergency Phone: (312) 648-2240

Info Phone: (312) 648-2240

Cage: FO571

Contractor

ZAHN DENTAL CO

TAUNTON, MA 02780

(617) 822-5363

Cage: 9S392

Ingredients

ABRASIVE

FATTY ACID

CAS: 61788-72-5

RTECS: LH8024000

SOAP

TRIETHANOLAMINE

CAS: 102-71-6

RTECS: KL9275000

Fraction By Weight: 1.5%

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: 67-80%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SKIN: DUST MAY IRRITATE. EYES: DAMAGE THE OUTER SURFACE. INGESTION: MAY CAUSE GASTROINTESTINAL DISTURBANCES. INHALATION: RISK OF SERIOUS RESPIRATORY DISEASE INCREASES.
Explanation of Carcinogenicity:SILICA SHOWS EVIDENCE OF CARCINOGENICITY TO EXPERIMENTAL ANIMALS/LIMITED EVIDENCE W/RESPECT TO HUMANS.
Effects of Overexposure:SKIN: DUST MAY IRRITATE. EYES: DAMAGE TO THE OUTER SURFACE. INGESTION: MAY CAUSE GASTROINTESTINAL DISTURBANCES. INHALATION: RISK OF SERIOUS RESPIRATORY DISEASE INCREASES.

First Aid

First Aid:EYES: FLUSH W/WATER FOR 15 MINUTES. SKIN: WASH W/SOAP/WATER. INGESTION: INDUCE VOMIT. INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION AS NEEDED.

Fire Fighting

Flash Point:>350F
Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CO2, OR SMOTHERING. THIS ADDITION OF METAL DUST MAY CHANGE RECOMMENDED.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IF THERE IS POTENTIAL FOR EXPOSURE TO SMOKE, FUMES OR PRODUCTS OF COMBUSTION.
Unusual Fire/Explosion Hazard:WATER OR FOAM MAY CAUSE VIOLENT FROTHING, ESPECIALLY IF SPRAYED DIRECTLY INTO BURNING LIQUID.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. RECLAIM FOR REUSE IF POSSIBLE, OR SWEEP, SCOOP UP/CONTAINERIZE FOR LATER DISPOSAL. THIS PRODUCT ISN'T A HAZARDOUS WASTE BY ITSELF, BUT BE SURE TO CHECK IF IT HAS COME IN CONTACT W/HAZ. SUBSTANCE OR MATERIAL BEFORE DISPOSAL.

Handling

Handling and Storage Precautions:KEEP OUT OF SUN/AWAY FROM HEAT. PROTECT PASTE OR LIQUID PRODUCTS FROM FREEZING. OBSERVE ALL SAFEGUARDS FOR CONTAINER RESIDUE UNTIL CLEANED/DESTROYED.
Other Precautions:DURING A BUFFING OPERATION, USE AN EXHAUST, EYE PROTECTION, CLOTHING & GLOVES TO PREVENT COMPOUND DUST OR THE MATERIAL BEING REMOVED DURING BUFFING FROM ENTERING THE NOSE, THROAT/SKIN OF THE OPERATOR.

Exposure Controls

Respiratory Protection:USE OSHA APPROVED DUST/MIST RESPIRATOR
Ventilation:AIRBORNE EXPOSURE LIMITS ARE EXCEEDED DURING USE.
Protective Gloves:CLOTH HEAVY DUTY
Eye Protection:SAFETY GLASSES
Other Protective Equipment:CLEAN WORKCLOTHES, EYE WASH
Work Hygienic Practices:WASH AFTER PHYSICAL CONTACT/BEFORE EATING. DON'T PERMIT DUST TO ACCUMULATE IN WORK AREA.
Supplemental Safety and Health
OSHA STUDIES HAVE FOUND A BREATHING ZONE CONCENTRATION FOR BUFFING EQUIPMENT W/NO VENTILATION TO BE APPROX. 1.4 MG/M3 FOR TOTAL RESP. DUST. AFTER BUFFING CPDS HAVE BEEN USED THERE IS NORMALLY PRODUCED A WASTE CONTAINING DRIED BUFFING CPD, BUFFING WHEEL LINT OF COTTON/POLYESTER, ETC; PLUS DUST FROM THE MATERIAL.

Chemical Properties

Boiling Pt:B.P. Text:>700F
Melt/Freeze Pt:M.P/F.P Text:>125F
Spec Gravity:1.6-1.8
pH:8-9
Solubility in Water:MODERATE
Appearance and Odor:DENSE REDDISH COLORED BRICK WITH MILD ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
POWERFUL OXIDIZERS, FLUORINE, CHLORINE, STRONG BASE OR ALKALI
Stability Condition to Avoid:TEMPERATURES >350F, SUN, HEAT, & FREEZING.
Hazardous Decomposition Products:CARBON, SMOKE, FUMES

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL REGULATIONS. WASTE GENERATED FROM A BUFFING OPERATION CAN CONTAIN LINT WHICH MAY BE COMBUSTIBLE. DUST GENERATED DURING BUFFING MAY CONTAIN SILI CA OR TRIPOLI.

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