Product ID: PRODUCTS W/ALUMINUM OXIDE MINERAL MSDS Date:04/11/1990 FSC:5350 NIIN:00-253-4393 MSDS Number: CDVHG === Responsible Party === Company Name:3M Address:3M CENTER City:ST. PAUL State:MN ZIP:55144-1000 Country:US Info Phone Num:612-733-1110 Emergency Phone Num:612-733-1110 CAGE:0F0U5 === Contract or Identification === Company Name: 3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV Address:3M CTR Box:City:SAINT PAUL State:MN ZIP:55144-1000 Country:US Phone:800-364-3577/651-737-6501(24 HOURS) CAGE:04963 Company Name: PACEBROOK LTD Address:15 GOSDITCH ST City:CIRENCESTER GLOS GL7 2AG Country:UK Phone:NONE CAGE:0F0U5

Ingred Name:MINERAL - ALUMINUM OXIDE CAS:1302-74-5 RTECS #:GN0231000 Fraction by Wt: 10-30% Other REC Lim

its:NONE RECOMMENDED ACGIH TLV:10 MG/M3

======================================
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EYE: MECHANICAL IRRITATION. INHALATION: RESPIRATORY SYSTEM IRRITATION.
======================================
First Aid:EYES: FLUSH W/PLENTY OF WATER. CALL DR IF IRRITATION PERSISTS. INHALATION: MOVE TO FRES H AIR.
======================================
Flash Point:NA Lower Limits:NA Upper Limits:NA Extinguishing Media:WATER, CARBON DIOXIDE, FOAM. Fire Fighting Procedures:NONE Unusual Fire/Explosion Hazard:NONE
======================================
Spill Release Procedures:NA
========= Exposure Controls/Personal Protection ====================================
Respiratory Protection:PARTICULATE FACE MASK WHERE DUST GENERATED. Eye Protection:YES Supplem ental Safety and Health NK
======================================
Boiling Pt:B.P. Text:NA Vapor Pres:NA Vapor Density:NA Spec Gravity:NA Viscosity:NA Evaporation Rate & amp; Reference:NA Solubility in Water:NA Appearance and Odor:SOLID ABRASIVE PRODUCT, NO ODOR Percent Volatiles by Volume:NA
======================================
Stability Indicator/Materials to Avoid:YES
NK Hazardous Decomposition Products: THERMAL DEGREDATION WILL PR

Waste Disposal Methods:COLLECT & DISPOSE IN LOCAL SANITARY LANDFILL.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any per son utilizing this document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their particular situation.