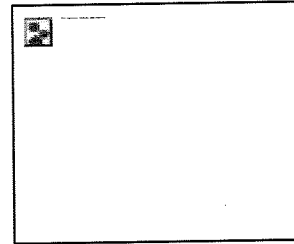


# MATERIAL SAFETY DATA SHEET



DATE PRINTED: AUG 27, 2001  
MSDS NO. ALT002 OUTBOUND  
Alumnia Sharpening stone(Oil Treated)

## SECTION 1. CHEMICAL PRODUCT/COMPANY INFO.

PRODUCT NAME  
Alumnia Sharpening stone(Oil Treated)  
MANUFACTURER(4)  
Norton Company  
Highland Ave.  
Littleton, NH. 03561  
(603) 444-3947  
EMERGENCY TELEPHONE #1  
(603) 444-3947  
SUPPLIER  
Norton Canada, Inc.  
PO Box 3008 Station "B"  
Hamilton, Ont., Canada L8L 7Y5  
(905)547-2551  
PRODUCT USE  
Various Sharpening tasks  
REVISION DATE  
7/06/1999  
MSDS PRINT FORMAT  
NORTONCAN  
WHMIS HAZARD CLASS  
D2B

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE DESCRIPTION	PERCENT	CAS#
Aluminum Oxide, Non-fibrous	71.000	1344-28-1
Petrolatum	6.000	8009-03-8
Amorphous Silica, Fused	23.000	60676-86-0
OTHER		
Not Applicable		
DOMESTIC SUBSTANCE LIST		
LD50/LC50		
Values are not appropriate or available.		

## SECTION 3. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT STATE  
Solid  
APPEARANCE & ODOR  
Odorless.  
ODOR THRESHOLD (ppm)  
NA  
SPECIFIC GRAVITY  
NA  
VAPOR PRESSURE (mm Hg)  
NA  
VAPOR DENSITY (Air = 1.0)  
NA  
EVAPORATION RATE  
NA  
BOILING POINT  
F C  
pH FACTOR  
NA  
COEFFICIENT OF OIL/WATER  
NA

#### **SECTION 4. FIRE FIGHTING MEASURES**

FLASH POINT  
400.00 F 204.44 C  
UPPER EXPLOSION LIMIT  
NA  
LOWER EXPLOSION LIMIT  
NA  
AUTO IGNITION TEMPERATURE  
F C NA  
EXTINGUISHING METHOD  
Not Applicable  
HAZARDOUS PRODUCTS/COMBUSTION  
None.  
OTHER FIRE + EXPLOSION HAZARDS  
Not Applicable

#### **SECTION 5. STABILITY AND REACTIVITY**

STABILITY  
Stable.  
INCOMPATIBILITIES  
Avoid acids of all types with a pH < 4.0.  
DECOMPOSITION  
Petrolatum oil will decompose into hydrocarbon by-products. CO & CO2  
will be produced upon combustion.

#### **SECTION 6. TOXICOLOGICAL INFORMATION**

INHALATION ACUTE EXPOSURE EFFECTS  
Dust may be slightly irritating to eyes and respiratory tract at

high concentrations.

INHALATION CHRONIC EXPOSURE EFFECTS

May affect breathing capacity. For products containing Amorphous Silica, Fused, there is limited evidence in animals that excessive and prolonged exposure to this chemical may cause pulmonary fibrosis.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Some may experience skin irritation from dust.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Dust may irritate eyes.

INGESTION ACUTE EXPOSURE EFFECTS

No known adverse effects, but ingestion not recommended.

-----

SUBSTANCE DESCRIPTION	EXPOSURE LIMITS/REGULATORY INFORMATION		
	UNITS	OSHA	ACGIH

MOL

---

Aluminum Oxide, Non-fibrous	MG/M3	15.0000	10.0000
10.0000 Petrolatum	PPM	0.0000	0.0000
0.0000 Amorphous Silica, Fused	MG/M3	0.1000	0.1000
0.0000			

LEGEND:

EXPOSURE LIMIT DESCRIPTIONS

CARCINOGENICITY

Amorphous Silica, Fused IARC 3, NIOSH X

**SECTION 7. EXPOSURE CONTROLS/PERSONAL PROTECTION**

VENTILATION PROTECTION

Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.

RESPIRATORY PROTECTION

Respirators are required when airborne contaminant levels exceed the TLV(s).

EYE PROTECTION

N/A

OTHER PROTECTION

Not Applicable

HANDLING

This product contains a petroleum jelly that should not be stored above 200 degrees F.

WASTE DISPOSAL

Follow landfill methods consistent with applicable federal, state and local laws.

**SECTION 8. FIRST AID MEASURES**

INHALATION

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

SKIN CONTACT

Wash affected areas with soap and water. Obtain medical assistance.

EYE CONTACT

Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

INGESTION

Call poison control center, hospital emergency room or physician immediately.

**SECTION 9. OTHER INFORMATION**

MSDS DATA SOURCE

SUPPLIER MSDS

CREATED BY

CRPKPF

CREATION DATE

5/13/1998

EMERGENCY TELEPHONE #2

---

KEY TO ABBREVIATIONS:

EQ=Equal

LT=Less Than

GT=Greater Than

AP=Approximately

TR=Trace

ND=No Data

available

=