

MSDS B9248

ITEM: 1EDN8 - Locking Disc,AIO,2in,24 Grit,TS,PK100

wsl

DELIVERY: 6246582647

HU NUMBER: U222703233

## MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

## MATERIAL SAFETY DATA SHEET - B9248

Associated Grainger Items  
1EDN8

NORTON

## MATERIAL SAFETY DATA SHEET

NORTON USA FORMAT MSDS: ALCOAT001

MSDS NO.: ALCOAT001 OUTBOUND

ALUMINUM OXIDE COATED ABRASIVE

DATE PRINTED: FEB 26, 2010

## -----SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION-----

PRODUCT NAME: ALUMINUM OXIDE COATED ABRASIVE

TRADE NAME:

ADALOX OR ABRASIVE CAP CODES:  
H1XX, A1XX, A2XX, E2XX, F2XX, G2XX, H2XX, K2XX, Q1XX, Q2XX, R2XX, S2XX, T2XX,  
U2XX, W2MANUFACTURER(4):  
SAINT-GOBAIN ABRASIVES, INC.  
ONE NEW BOND STREET  
WORCESTER, MA 01615-0008  
(508) 795-5000

REVISION DATE: 1/26/2010

MSDS PRINT FORMAT: NUSA

## -----SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS-----

SUBSTANCE DESCRIPTION	PERCENT	CAS#
ALUMINUM OXIDE, NON-FIBROUS	15.000 - 25.000	1344-28-1
CLOTH OR PAPER BACKING	45.000 - 55.000	N/A
BINDER SYSTEM **	10.000 - 30.000	N/A
CALCIUM CARBONATE	10.000 - 20.000	1317-65-3

\*\* SUBSTANCE IS A COMPOUND AND/OR MIXTURE

OTHER: NOT APPLICABLE

## -----SECTION 3. HAZARDS IDENTIFICATION-----

INHALATION ACUTE EXPOSURE EFFECTS:  
DUST MAY BE SLIGHTLY IRRITATING TO EYES AND RESPIRATORY TRACT AT HIGH CONCENTRATIONS.

INHALATION CHRONIC EXPOSURE EFFECTS:

CHRONIC: MAY AFFECT BREATHING CAPACITY.

FOR PRODUCTS CONTAINING PHENOL/FORMALDEHYDE RESIN, DUST GENERATED FROM INTENDED USE MAY CONTAIN TRACE AMOUNTS OF PHENOL AND FORMALDEHYDE WHICH UNDER EXCESSIVE EXPOSURE MAY CAUSE SKIN SENSITIZATION AND AIRWAY OBSTRUCTION.

FOR PRODUCTS CONTAINING INORGANIC FLUORIDES:  
EXCESSIVE EXPOSURE TO INORGANIC FLUORIDES HAVE BEEN SHOWN TO INCREASE BONE DENSITY.

EYE CONTACT ACUTE EXPOSURE EFFECTS: DUST MAY IRRITATE EYES.

SKIN CONTACT ACUTE EXPOSURE EFFECTS:  
SOME MAY EXPERIENCE SKIN IRRITATION FROM DUST.INGESTION ACUTE EXPOSURE EFFECTS:  
NO KNOWN ADVERSE EFFECTS, BUT INGESTION NOT RECOMMENDED.

## -----SECTION 4. 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 5. FIRE FIGHTING MEASURES-----

FIRE FIGHTING PROCEDURES: NOT APPLICABLE

HAZARDOUS PRODUCTS/COMBUSTION: NONE.

HAZARD RATING SOURCE:

NFPA:  
HEALTH 1  
FLAMMABILITY 0REACTIVITY 0  
OTHER

## -----SECTION 6. ACCIDENTAL RELEASE MEASURES-----

CLEAN-UP: FOLLOW NORMAL CLEAN UP PROCEDURES.

## -----SECTION 7. HANDLING AND STORAGE-----

HANDLING: HANDLE WITH ADEQUATE VENTILATION FOR NUISANCE DUST.

## -----SECTION 8. 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:  
ALWAYS WEAR SAFETY GLASSES OR SOME TYPE OF EYE PROTECTION WHILE SANDING.OTHER PROTECTION:  
USE OF THIS PRODUCT MAY CREATE ELEVATED SOUND LEVELS. HEARING PROTECTION SHOULD BE WORN WHERE REQUIRED (SEE OSHA 29 CFR 1910.134 AND OTHER APPLICABLE REGULATIONS).

## -----SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE &amp; ODOR: SOLID ARTICLE. ODORLESS.

## -----SECTION 10. STABILITY AND REACTIVITY-----

INCOMPATIBILITIES: AVOID ACIDS OF ALL TYPES WITH A pH &lt;4.0.

DECOMPOSITION:  
IN USE, DUST AND DECOMPOSING ODORS MAY BE GENERATED. IN MOST CASES, THE MATERIAL REMOVED FROM THE WORKPLACE WILL BE SIGNIFICANTLY GREATER THAN THE SANDPAPER COMPONENTS. COOLANTS MAY PRODUCE OTHER DECOMPOSITION PRODUCTS.

FOR PRODUCTS CONTAINING PHENOL AND FORMALDEHYDE RESIN, THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF PHENOL AND FORMALDEHYDE.

FOR PRODUCTS CONTAINING INORGANIC FLUORIDES, THERMAL COMPOSITION MAY PRODUCE TRACE AMOUNTS OF FLUORIDES.

## -----SECTION 11. TOXICOLOGICAL INFORMATION-----

CARCINOGENICITY: NOT APPLICABLE

LD50/LC50: VALUES ARE NOT APPROPRIATE OR AVAILABLE.

## -----SECTION 12. ECOLOGICAL INFORMATION-----

CHEMICAL FATE: NOT APPLICABLE

## -----SECTION 13. DISPOSAL CONSIDERATIONS-----

WASTE DISPOSAL:  
USE STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS.

## -----SECTION 14. TRANSPORT INFORMATION-----

HAZARD CLASS:  
THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY THE DEPARTMENT OF TRANSPORTATION. (USA)

THIS PRODUCT IS "NOT REGULATED" UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT. (CAN)

## -----SECTION 15. REGULATORY INFORMATION-----

EXPOSURE LIMITS/REGULATORY INFORMATION:

SUBSTANCE DESCRIPTION	UNITS	OSHA	ACGIH	MOL
ALUMINUM OXIDE, NON-FIBROUS	MG/M3	15.0000	10.0000	10.0000
CLOTH OR PAPER BACKING	PPM	0.0000	0.0000	0.0000
BINDER SYSTEM	PPM	0.0000	0.0000	0.0000
CALCIUM CARBONATE	MG/M3	15.0000	10.0000	0.0000

LEGEND:

EXPOSURE LIMIT DESCRIPTIONS:  
CA PROP 65: NOT APPLICABLE  
TSCA: SECTION 8(B) - INVENTORY STATUS

ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCE CONTROL ACT.

DOMESTIC SUBSTANCE LIST:  
ALL COMPONENTS OF THIS PRODUCT ARE FOUND ON THE DOMESTIC SUBSTANCE LIST.

## -----SECTION 16. OTHER INFORMATION-----

DISCLAIMER:  
THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE TAKEN FROM SOURCES  
BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF; HOWEVER, THE COMPANY MAKES NO  
WARRANTY WITH RESPECT TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF  
THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USER THEREOF.

KEY TO ABBREVIATIONS:  
EQ=EQUAL  
LT=LESS THAN  
GT=GREATER THAN  
AP=APPROXIMATELY  
TR=TRACE  
ND=NO DATA AVAILABLE

PURCHASING DEPT.  
SCHOOLCRAFT COLLEGE  
RECEIVED

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