

Common Name: ALUMINUM OXIDE COATED ABRASIVE, ALCOAT001R OUTBOUND

Manufacturer: SAINT-GOBAIN ABRASIVES

MSDS Revision Date: 2/26/2010

Grainger Item Number(s): ILZK3, ILZK4, ILZK9, ILZL1, ILZL2, ILZL3, ILZL4, ILZL6, ILZL7, ILZL9, ILZN1, ILZN4, ILZN5, IPYA1, IPYA2, IPYJ9, IPYK1, IPYK2, IPYK3, IPYK4, IPYK5, IPYK6, IPYK7, IPYK8, IPYK9, ITDD6, ITDD7, ITDD8, ITDD9, ITDE1, ITDE2, ITDE3, ITDE4, IYEG8, IYEG9, IYEH1, IYEH2, IYEH9, IY EJ1, IY EK5, IY EK6, IY EK7, IY EK8, IY EN3, IY EN4, IY EN5, IY EN6, IY EN7, IY EN8, IY EN9, IY EP1, IY EP2, IY EP3, IY EP4, IY EP5, IY EP6, IY EP7, IY EP8, IY EV1, IY EV2, IY EV3, IY EX6, IY EX7, IY EX8, IY EX9, IY EY1, IY EY2, IY EY3, IY EY4, IY EY5, IY EY6, IY EY7, IY EY8, 2D657, 2D658, 2D659, 2D660, 2D661, 2D662, 2D663, 2D664, 2D665, 2D666, 2D667, 2D668, 2D669, 2D670, 2D671, 2D672, 2D676, 2D677, 2D678, 2D679, 2DZY1, 2DZY2, 2KMY3, 2KMY4, 2KMY5, 2KMY6, 2KMY7, 2KMY8, 2KMY9, 2KMZ1, 2KMZ2, 2KMZ3, 2KMZ4, 2KMZ5, 2KMZ6, 2KMZ7, 2KMZ8, 2KMZ9, 2KNA1, 2KNA2, 2KNA3, 2KNA4, 2KNA5, 2KNE9, 2KNF1, 2KNF2, 2KNF3, 2KNF4, 2KNF5, 2KNF6, 2KNF7, 2KNF8, 2KNF9, 2KNG1, 2KNG2, 3RA62, 3RA63, 3RA64, 3RA65, 3RA66, 3VN70, 3VN72, 3VN73, 3VN74, 3VN86, 3VN93, 3VN94, 3VN97, 3VN98, 3VN99, 3VP02, 3VP03, 5GC68, 5GC69, 5GC70, 5GC71, 5GC72, 6PF70, 6R833, 6R835, 6R843, 6R845, 6R847, 6R849, 6R859, 6R861, 6R863, 6R865, 6R949, 6R951, 6R953, 6R955, 6R957, 6R961, 6RC96, 6RC97, 6RC98, 6RD04, 6RD06, 6RF98, 6RF99, 6RG01, 6RG02, 6RG03

Manufacturer Model Number(s):

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MATERIAL SAFETY DATA SHEET

NORTON

DATE PRINTED: FEB 26, 2010

MSDS NO.: ALCOAT001R OUTBOUND

ALUMINUM OXIDE COATED ABRASIVE

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: ALUMINUM OXIDE COATED ABRASIVE

TRADE NAME:

ADALOX OR METALITE CAP CODES: H1, H2, R1, R2, R3

MANUFACTURER (4) :

SAINT-GOBAIN ABRASIVES, INC.

ONE NEW BOND STREET

WORCESTER, MA 01615-0008

(508) 795-5000

REVISION DATE: 2/26/2010

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
CURED PHENOLFORMALDEHYDE RESIN	10.000 - 30.000	9003-35-4

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 0
REACTIVITY 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 & ODOR: SOLID ARTICLE. ODORLESS.

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES: AVOID ACIDS OF ALL TYPES WITH A pH <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.

SECTION 11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY: NOT APPLICABLE

LD50/LC50: VALUES ARE NOT APPROPRIATE OR AVAILABLE.

SECTION 12. ECOLOGICAL INFORMATION

CHEMICAL FATE:

RESIN BONDED MATERIALS DEMONSTRATE SIMILAR DEGRADATION RATES AS PHENOLIC PLASTICS.

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
CURED PHENOLFORMALDEHYDE RESIN	PPM	0.0000	0.0000	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 OF THE COUNTRY OF CANADA.

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