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LP NUMBER: U236034997-A

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

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. W2

MANUFACTURER (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	0
REACTIVITY	0
OTHER	

- SECTION 6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP: FOLLOW NORMAL CLEAN UP PROCEDURES.

SECTION 7. HANDLING AND STORAGE

TON USA FORMAT MSDS: ALCOAT001

DLING: HANDLE WITH ADEQUATE VENTILATION FOR NUISANCE DUST.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VILATION PROTECTION:
OMMEND USING LOCAL EXHAUST VENTILATION WHEN GENERAL VENTILATION IS NOT
PING THE AIRBORNE CONCENTRATION BELOW THE TLV.

PIRATORY PROTECTION:
PIRATORS ARE REQUIRED WHEN AIRBORNE CONTAMINANT LEVELS EXCEED THE TLV(S).

PROTECTION:
AYS WEAR SAFETY GLASSES OR SOME TYPE OF EYE PROTECTION WHILE SANDING.

ER PROTECTION:
OF THIS PRODUCT MAY CREATE ELEVATED SOUND LEVELS. HEARING PROTECTION
ULD BE WORN WHERE REQUIRED (SEE OSHA 29 CFR 1910.134 AND OTHER APPLICABLE
ULATIONS).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

EARANCE & ODOR: SOLID ARTICLE. ODORLESS.

SECTION 10. STABILITY AND REACTIVITY

OMPATIBILITIES: AVOID ACIDS OF ALL TYPES WITH A pH <4.0.

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

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

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

SECTION 11. TOXICOLOGICAL INFORMATION

CINOGENICITY: NOT APPLICABLE

0/LC50: VALUES ARE NOT APPROPRIATE OR AVAILABLE.

SECTION 12. ECOLOGICAL INFORMATION

MICAL FATE: NOT APPLICABLE

SECTION 13. DISPOSAL CONSIDERATIONS

TE DISPOSAL:
STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE,
VINCIAL AND LOCAL LAWS.

SECTION 14. TRANSPORT INFORMATION

ARD CLASS:
S PRODUCT IS NOT HAZARDOUS AS DEFINED BY THE DEPARTMENT OF TRANSPORTATION.
A)

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

SECTION 15. REGULATORY INFORMATION

OSURE LIMITS/REGULATORY INFORMATION:

STANCE DESCRIPTION	UNITS	OSHA	ACGIH	MOL
MINUM OXIDE, NON-FIBROUS	MG/M3	15.0000	10.0000	10.0000
TH OR PAPER BACKING	PPM	0.0000	0.0000	0.0000
DER SYSTEM	PPM	0.0000	0.0000	0.0000
CIUM CARBONATE	MG/M3	15.0000	10.0000	0.0000

END:

OSURE LIMIT DESCRIPTIONS:
PROP 65: NOT APPLICABLE
A: SECTION 8(B) - INVENTORY STATUS

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

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

SECTION 16. OTHER INFORMATION

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

TO ABBREVIATIONS:
EQUAL
LESS THAN
GREATER THAN
APPROXIMATELY
TRACE
NO DATA AVAILABLE