

LP NUMBER: U236034997-A

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

- SECTION 3 - HAZARDS IDENTIFICATION

ENTIAL HEALTH EFFECTS:

: DUST MAY CAUSE SLIGHT IRRITATION.

N: DUST FROM THIS PRODUCT MAY CAUSE TEMPORARY MECHANICAL IRRITATION.

ALATION:
IS FROM THIS PRODUCT MAY CAUSE MECHANICAL IRRITATION OF THE NOSE, THROAT
RESPIRATORY TRACT.

ESTION:
ESTION OF THIS PRODUCT IS UNLIKELY. HOWEVER, INGESTION OF PRODUCT MAY
DUCE GASTROINTESTINAL IRRITATION AND DISTURBANCES.

ONIC HEALTH EFFECTS:
ONIC HEALTH EFFECTS ARE NOT EXPECTED AS LONG AS GOOD HYGIENE AND PROPER
ETY PRECAUTIONS ARE PRACTICED.

A-FORMALDEHYDE POLYMER:

ONIC HEALTH EFFECTS:
PRODUCTS CONTAINING UREA/FORMALDEHYDE RESIN, DUST GENERATED FROM
ENDED USE MAY CONTAIN TRACE AMOUNTS OF FORMALDEHYDE WHICH UNDER
SSIVE EXPOSURE MAY CAUSE SKIN SENSITIZATION AND AIRWAY OBSTRUCTION.

SECTION 4 - FIRST AID MEASURES

CONTACT:
EDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 TO 20 MINUTES.
URE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS WITH
GERS.

MEDICAL ATTENTION, IF IRRITATION OR SYMPTOMS OF OVEREXPOSURE PERSISTS.

N CONTACT:
EDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER.
MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

ALATION:
DUST FROM CUTTING OR DRILLING IS INHALED, REMOVE THE AFFECTED PERSON TO
SH AIR. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

ESTION:
IDENTIAL INGESTION OF THIS MATERIAL IS UNLIKELY. IF THIS DOES OCCUR,
CH PERSON FOR SEVERAL DAYS TO MAKE SURE INTESTINAL BLOCKAGE DOES NOT
UR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

E TO PHYSICIANS: NO INFORMATION AVAILABLE.

SECTION 5 - FIRE FIGHTING MEASURES

MMABLE PROPERTIES: NON FLAMMABLE.

SH POINT: DOES NOT APPLY.

O IGNITION TEMPERATURE: NOT DETERMINED.

ER FLAMMABLE/EXPLOSIVE LIMIT: NOT AVAILABLE.
ER FLAMMABLE/EXPLOSIVE LIMIT: NOT AVAILABLE.

INGUISHING MEDIA:
ANY EXTINGUISHING MEDIA APPROPRIATE FOR THE SURROUNDING FIRES.

UITABLE MEDIA: NONE.

TECTIVE EQUIPMENT:
IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND,
A/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

A RATINGS:
A HEALTH 1
A FLAMMABILITY 0
A REACTIVITY 1
A OTHER

SECTION 6 - ACCIDENTAL RELEASE MEASURES

HODS FOR CONTAINMENT:
TAINMENT OF THIS MATERIAL SHOULD NOT BE NECESSARY.

HODS FOR CLEANUP:
VEL OR SWEEP UP FOR RE-USE OR DISPOSAL. AVOID CREATING DUSTY CONDITIONS.

URATE RESIDUE TO DETERMINE IF IT IS A HAZARDOUS WASTE BY CHARACTERISTIC.

POSE OF IN ACCORDANCE WITH LOCAL, STATE, FEDERAL AND PROVINCIAL
ULATIONS.

SECTION 7 - HANDLING AND STORAGE

DLING: HANDLE WITH ADEQUATE VENTILATION FOR NUISANCE DUST.

RAGE: NO SPECIAL STORAGE CONDITIONS REQUIRED.

IENE PRACTICES: WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

INERING CONTROLS:
ERAL DILUTION VENTILATION AND/OR LOCAL EXHAUST VENTILATION SHOULD BE
VIDED AS NECESSARY TO MAINTAIN EXPOSURES BELOW OCCUPATIONAL EXPOSURE
ITS.

/FACE PROTECTION:
AYS WEAR SAFETY GLASSES OR SOME TYPE OF EYE PROTECTION WHEN GRINDING.

N PROTECTION DESCRIPTION:
TECTIVE GLOVES.
G SLEEVED SHIRT AND LONG PANTS.

PIRATORY PROTECTION:
N WORKERS ARE FACING AIRBORNE PARTICULATE/DUST CONCENTRATIONS ABOVE THE
SURE LIMIT THEY MUST USE APPROPRIATE CERTIFIED RESPIRATORS. A PROPERLY

FITTED NIOSH APPROVED DISPOSABLE N 95 TYPE DUST RESPIRATOR OR BETTER IS
RECOMMENDED.

OTHER PROTECTIVE:
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).

GENERAL HYGIENE CONSIDERATIONS:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE.

AVOID GETTING DUST INTO BOOTS AND GLOVES THROUGH WRIST BANDS AND PANT
TUCKS.

EXPOSURE GUIDELINES:

INGREDIENT	GUIDELINE OSHA	GUIDELINE ACGIH
ALUMINUM OXIDE, NON-FIBROUS	PEL-TWA: 5 MG/M3 RESPIRABLE FRACTION (R) PEL-TWA: 15 MG/M3 TOTAL PARTICULATE/DUST (T)	TLV-TWA: 10 MG/M3

INGREDIENT	QUEBEC CANADA	ONTARIO CANADA	ALBERTA CANADA
ALUMINUM OXIDE, NON-FIBROUS	VEMP-TWA: 10 MG/M3 TOTAL PARTICULATE/DUST (T)	OEL-TWAEV: 10 MG/M3 TOTAL PARTICULATE/DUST (T)	OEL-TWA: 10 MG/M3

INGREDIENT	MEXICO	BRITISH COLUMBIA CANADA
ALUMINUM OXIDE, NON-FIBROUS	MPE-PPT: 0.1 MG/M3 RESPIRABLE FRACTION (R)	OEL-TWA: 3 MG/M3 RESPIRABLE FRACTION (R) OEL-TWA: 10 MG/M3 OEL-TWA: 10 MG/M3 TOTAL PARTICULATE/DUST (T) OEL-STEL: 20 MG/M3 TOTAL PARTICULATE/DUST (T)

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE APPEARANCE: SOLID ARTICLE.

ODOR: ODORLESS

FLASH POINT: DOES NOT APPLY.

AUTO IGNITION TEMPERATURE: NOT DETERMINED.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME.

SPECIAL DECOMPOSITION PRODUCTS:
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.

THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF AMMONIA AND
FORMALDEHYDE.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: THIS PRODUCT HAS NOT BEEN TESTED FOR ITS TOXICITY.

ALUMINUM OXIDE, NON-FIBROUS:
ACGIH: A4 NOT CLASSIFIABLE AS A HUMAN CARCINOGEN
NIOSH: NO DATA
OSHA: NO DATA
IARC: NO DATA
NTP: NO DATA

UREA-FORMALDEHYDE POLYMER:
RTECS NUMBER: YU1610000

EYE:
EYE - RABBIT STANDARD DRAIZE TEST.: 100 (MICRO)L/24H [SEVERE] (RTECS)

SKIN:
ADMINISTRATION ONTO THE SKIN - RABBIT STANDARD DRAIZE TEST:
500 MG/24H [SEVERE]

ADMINISTRATION ONTO THE SKIN - RAT LD50:
>2100 MG/KG [DETAILS OF TOXIC EFFECTS NOT REPORTED OTHER THAN LETHAL DOSE
VALUE] (RTECS)

INHALATION:
INHALATION - RAT LC50:
>167 MG/M3/4H [DETAILS OF TOXIC EFFECTS NOT REPORTED OTHER THAN LETHAL DOSE
VALUE] (RTECS)

INGESTION:
ORAL - RAT LD50:
8394 MG/KG [DETAILS OF TOXIC EFFECTS NOT REPORTED OTHER THAN LETHAL DOSE
VALUE]

ORAL - MOUSE LD50:
6361 MG/KG [DETAILS OF TOXIC EFFECTS NOT REPORTED OTHER THAN LETHAL DOSE
VALUE] (RTECS)

ALUMINUM SILICATES:
RTECS NUMBER: VV8912500

MINUM OXIDE, NON-FIBROUS:
CS NUMBER: BD1200000

ALATION:
ALATION - RAT TCLO:
MG/MG/5H/28W (INTERMITTENT) [LUNGS, THORAX, OR RESPIRATION - STRUCTURAL
FUNCTIONAL CHANGE IN TRACHEA OR BRONCHI; LUNGS, THORAX, OR RESPIRATION -
ONIC PULMONARY EDEMA; RELATED TO CHRONIC DATA - DEATH] (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

TOXICITY: NO ECOTOXICITY DATA WAS FOUND FOR THE PRODUCT.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

SHIPPING NAME: NOT REGULATED AS HAZARDOUS MATERIAL FOR TRANSPORTATION.

UN NUMBER: NOT REGULATED AS HAZARDOUS MATERIAL FOR TRANSPORTATION.

A SHIPPING NAME: NOT REGULATED AS HAZARDOUS MATERIAL FOR TRANSPORTATION.

ADIAN SHIPPING NAME:
S PRODUCT IS NOT REGULATED UNDER THE TRANSPORTATION OF DANGEROUS GOODS
(CAN)

SECTION 15 - REGULATORY INFORMATION

ENTORY STATUS:

	CANADA DSL	TSCA INVENTORY STATUS			
A-FORMALDEHYDE POLYMER	LISTED	LISTED			
MINUM SILICATES	LISTED	LISTED			
MINUM OXIDE, NON-FIBROUS	LISTED	LISTED			
MINUM OXIDE, NON-FIBROUS: NUMBER: 215-691-6					
TE RIGHT TO KNOW:					
	RI	MN	IL	PA	MA
MINUM OXIDE, NON-FIBROUS	LISTED	LISTED	NO DATA	LISTED	LISTED
		NJ			
MINUM OXIDE, NON-FIBROUS	LISTED:				
	NJ HAZARDOUS LIST;				
	SUBSTANCE NUMBER: 2891				

SECTION 16 - ADDITIONAL INFORMATION

S CREATION DATE: AUGUST 15, 2009

S REVISION DATE: JULY 01, 2013

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NUMBER: 66261126339 CA_ALL

ISION: 07/01/2013