

MATERIAL SAFETY DATA SHEET

CONCRETE CHEMICALS

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SECTION 1 IDENTIFICATION OF PRODUCT

TRADE NAME : CONCRETE CHEMICALS # 902 "B"

MANUFACTURER'S CODE
4007-3021

PRODUCT CLASS
AMINE

INTENDED END USE
GROUT/MORTAR

SECTION 2 HAZARDOUS INGREDIENTS

NAME	WT RANGE %	CAS #	PIN #	TLV		SOURCE	MG/KG	LD 50		LC50		HOURS
				TWA	CLNG			ANIMAL	ROUTE	PPM	ANIMAL	
POLYOXYALKYLENEDIAMINE	10 to 30	9046-10-0	UN 1719	N/A	N/A	N/A	1660	RAT	ORAL	N/A	N/A	N/A
N-AMINOETHYLPIPERAZINE	10 to 30	140-31-8	UN 2815	N/A	N/A	N/A	2150	RAT	ORAL	N/A	N/A	N/A
AMIDO-AMINE RESIN	10 to 30	68991-84-4	UN 1760	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIETHYLENTRIAMINE	10 to 30	111-40-0	UN 2079	1	N/A	ACGIH	2330	RAT	ORAL	N/A	N/A	N/A
TRIETHYLENETETRAMINE	10 to 30	112-24-3	UN 2259	N/A	N/A	N/A	3800	RAT	ORAL	N/A	N/A	N/A
NONYL PHENOL	7 to 13	25154-52-3	UN 1760	N/A	N/A	N/A	580	RAT	ORAL	N/A	N/A	N/A
ALIPHATIC GLYCIDYL ETHER	5 to 10	68609-97-2	N/A	N/A	N/A	N/A	17000	RAT	ORAL	N/A	N/A	N/A
BISPHENOL "A"	5 to 10	80-05-7	N/A	N/A	N/A	N/A	4100	RAT	ORAL	N/A	N/A	N/A
AMINO SILANE	3 to 7	1760-24-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A = NOT AVAILABLE

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SECTION 3 PHYSICAL DATA

PHYSICAL STATE :	LIQUID	SPECIFIC GRAVITY :	0.10
APPEARANCE :	CLEAR AMBER	% VOLATILES BY VOLUME :	0.00
ODOUR :	AMMONIACAL	P.H. :	12.0
ODOUR THRESHOLD :	NOT AVAILABLE	VAPOUR DENSITY :	N/A
EVAPORATION RATE :	N/A	FREEZING POINT :	N/A
(SECONDS TO 90% EVAPORATION)			
VAPOUR PRESSURE :	N/A	COEFFICIENT/WATER/ :	N/A
		OIL DISTRIBUTION	
BOILING POINT C :	200	SOLUBILITY/WATER :	MISCIBLE

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY :	NO	FLASH POINT :	130
		(SETAFLASH CLOSED CUP)	
EXTINGUISHING MEDIA :	CO ₂ , DRY CHEMICAL		
U.E.L (% / VOLUME) :	7	L.E.L (% / VOLUME) :	1
AUTO IGNITION TEMPERATURE CENTIGRADE :	N/A		
HAZARDOUS COMBUSTION PRODUCTS :	CO, CO ₂ , OXIDES OF NITROGEN		
SENSITIVITY MECHANICAL IMPACT :	NO	SENSITIVITY STATIC DISCHARGE :	NO

SECTION 5 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY : SKIN CONTACT, EYE CONTACT, SKIN ABSORPTION, INHALATION, INGESTION

EFFECTS OF ACUTE EXPOSURE TO

EYES : WILL RESULT IN SEVERE EYE IRRITATION AND BURNS
 SKIN : WILL RESULT IN SEVERE SKIN IRRITATION AND BURNS
 INGESTION : MAY LEAD TO GASTROINTESTINAL IRRITATION OR ULCERATION
 INHALATION : MAY RESULT IN SEVERE RESPIRATORY TRACT IRRITATION AND BURNS

EFFECTS OF CHRONIC EXPOSURE : NOT APPLICABLE

LD50 OF PRODUCT	MG/KG :	N/A	ANIMAL :	N/A	ROUTE :	N/A
LC50 OF PRODUCT	PPM :	N/A	ANIMAL :	N/A	TIME HRS :	N/A
SENSITIZATION :	YES SKIN AND RESPIRATORY		CARCINOGENICITY :	NO		
REPRODUCTIVE TOXICITY :	NOT APPLICABLE		TERATOGENICITY :	NOT APPLICABLE		
MUTAGENICITY :	NOT APPLICABLE		SYNERGISTIC PRODUCTS :	NONE KNOWN		

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SECTION 6 REACTIVITY DATA FOR PRODUCT

STABILITY : STABLE
HAZARDOUS POLYMERIZATION : WILL NOT OCCUR
CONDITION OF REACTIVITY : WATER, MOISTURE
HAZARDOUS DECOMPOSITION PRODUCTS : NOT AVAILABLE

SECTION 7 PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT :
WEAR CLEAN LONG SLEEVED, BODY COVERING CLOTHING, USE IMPERVIOUS GLOVES AND PROTECTIVE CLOTHING. USE CHEMICAL GOGGLES AND FULL FACE SHIELD. WHEN RESPIRATORY PROTECTION IS REQUIRED, USE AN APPROVED AIR PURIFYING RESPIRATOR.

HANDLING PROCEDURE :
AVOID INHALATION, SKIN AND EYE CONTACT. PRACTICE GOOD PERSONAL HYGIENE. WASH REPEATEDLY WITH SOAP AND WATER DURING THE WORK DAY.

STORAGE REQUIREMENTS :
KEEP CONTAINERS CLOSED AND IN A COOL DRY PLACE.

ENGINEERING CONTROLS :
PROVIDE GENERAL DILUTION OR LOCAL EXHAUST IN VOLUME AND PATTERN TO KEEP TLV OF HAZARDOUS INGREDIENTS IN SECTION 2 BELOW ACCEPTABLE LIMITS.

SECTION 8 SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN UPON RELEASE OR SPILLAGE :
REMOVE ALL SOURCES OF IGNITION (FLAMES, SPARKS ECT.) PROVIDE ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPOURS. REMOVE TO A CONTAINER OR ABSORB WITH CLAY, DIATOMACIOUS EARTH OR OTHER SUITABLE INERT ABSORBANT.

WASTE DISPOSAL METHOD :
DISPOSE OF BY CONTROLLED BURNING OR LANDFILL THE ABSORPTION MATERIAL IN AN APPROVED SITE IN ACCORDANCE WITH LOCAL, PROVINCIAL, AND FEDERAL REGULATIONS.

**** DO NOT INCINERATE CLOSED CONTAINERS ****

SECTION 9

FIRST AID MEASURES

EYES :

FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

SKIN :

WASH THE EXPOSED AREAS WITH SOAP AND WATER IMMEDIATELY. CALL A PHYSICIAN IF IRRITATION PERSISTS.

INHALATION :

REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN.

INGESTION :

DO NOT INDUCE VOMITTING ADMINISTER LARGE AMOUNTS OF MILK OR WATER IF AVAILABLE.
TRANSPORT TO A MEDICAL FACILITY

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SECTION 10

PREPARATION OF MSDS

PREPARED BY : STEVE LOHNES

PHONE NUMBER

DATE

LABORATORY

SEE ABOVE

December 16, 2008

END OF MSDS