

MATERIAL SAFETY DATA SHEET

PENNKOTE LIMITED – 1950 BOUNDARY ROAD - WHITBY, ONTARIO. L1N 8P8

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DATE REVISED: 4/15/16
REVISED BY: D STEFAN.

1. PRODUCT INFORMATION

PRODUCT NAME: AQUABAN 200.
GENERIC NAME: PORTLAND CEMENT ACCELERATOR.
PRODUCT USE: CEMENT ACCELERATOR.
WHMIS CLASSIFICATION: CLASS E.

2. HAZARDOUS INGREDIENTS

COMPONENT NAME	% CONC (WT/WT)	LD50ORAL RAT	LD50DERMAL RABBIT	LC50 RAT	CAS NUMBER
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N.A.V.

3. PHYSICAL DATA

PHYSICAL STATE:	LIQUID.
ODOUR AND APPEARANCE:	COLOURLESS, ODORLESS.
ODOUR THRESHOLD:	N.AP.
SPECIFIC GRAVITY (g/cm³):	1.31
VAPOUR PRESSURE:	SAME AS WATER.
VAPOUR DENSITY (AIR=1):	SAME AS WATER.
EVAPORATION RATE:	N.A.V.
BOILING POINT (°C):	100.
FREEZING POINT (°C):	N.A.V.
pH:	12.6-14.0
COEFFICIENT OF WATER/OIL DISTRIBUTION	N.A.V.

4. FIRE OR EXPLOSION HAZARDS

FLASHPOINT (METHOD):	N.A.V.
UPPER FLAMMABLE LIMIT (% BY VOL.):	N.A.V.
LOWER FLAMMABLE LIMIT:	N.A.V.
AUTO IGNITION TEMPERATURE (° C):	N.A.V.
HAZARDOUS COMBUSTION PRODUCTS:	CARBON MONOXIDE, CARBON DIOXIDE,
CONDITIONS OF FLAMMABILITY:	N.A.V.
EXPLOSION SENSITIVITY:	NOT SENSITIVE.
MEANS OF EXTINCTION:	WATER, FOAM, CO2, DRY CHEMICALS.
SPECIAL FIREFIGHTING PROCEDURES:	SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.

5. REACTIVITY DATA

CHEMICAL STABILITY:	STABLE.
INCOMPATIBILITY:	AVOID CONTACT WITH ACID - CAUSES GELLING OF PRODUCT. AVOID PROLONGED CONTACT WITH ALUMINIUM, TIN, LEAD AND ZINC.
HAZARDOUS DECOMPOSITION PRODUCTS:	FLAMMABLE HYDROGEN GAS WILL BE PRODUCED UPON PROLONGED CONTACT WITH INCOMPATIBLE METALS. THIS DOES NOT OCCUR ONCE MIXED WITH CEMENT.
CONDITIONS OF REACTIVITY:	REACTS IN PRESENCE OF ACIDS TO FORM GEL.

6. TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:	INGESTION, INHALATION, SKIN AND EYE CONTACT.
EFFECTS OF ACUTE EXPOSURE:	INGESTION MAY CAUSE BURNS AND ABDOMINAL PAIN. CONTACT WITH EYES AND SKIN CAUSES BURNS. INHALATION OF MIST WILL IRRITATE RESPIRATORY TRACT.
EFFECTS OF CHRONIC EXPOSURE:	NO CHRONIC EFFECTS KNOWN.
EXPOSURE LIMITS:	ACGIH TLV 2mg/m ³ .
SENSITIZATION:	DOES NOT OCCUR.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	NONE KNOWN.
OTHER HEALTH EFFECTS:	NONE KNOWN.

7. FIRST AID MEASURES

SKIN CONTACT:	FLUSH WITH PLENTY OF WATER. WASH WITH SOAP AND WATER.
EYE CONTACT:	FLUSH WITH WATER AT LEAST 15 MINUTES. CONSULT PHYSICIAN.
INGESTION:	DO NOT INDUCE VOMITING, DILUTE BY DRINKING SEVERAL GLASSES OF WATER OR MILK. CONSULT PHYSICIAN.

8. PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES:	RUBBER.
RESPIRATORY:	APPROVED MIST RESPIRATOR.
EYES:	CHEMICAL GOGGLES.
FOOTWEAR:	AS NECESSARY TO PREVENT SKIN CONTACT.
CLOTHING:	AS NECESSARY TO PREVENT SKIN CONTACT.
VENTILATION:	PROVIDE GOOD VENTILATION.
LEAK AND SPILL PROCEDURES:	ABSORB WITH ABSORBANT MATERIAL.
WASTE DISPOSAL:	DISPOSE OF ABSORBED MATERIAL IN GOVERNMENT APPROVED LAND FILL SITE.
HANDLING & STORAGE	AVOID SKIN CONTACT. AVOID USE OF ALUMINIUM AND GLASS CONTAINERS AS THIS PRODUCT WILL ETCH GLASS AND PIT ALUMINIUM.
SHIPPING INFORMATION:	NO SPECIAL SHIPPING PROCEDURES.

DISCLAIMER

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, provincial, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

N. AP. = NOT APPLICABLE, **N. AV.** = NOT AVAILABLE.