

MATERIAL SAFETY DATA SHEET

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DATE REVISED: 4/10/07

REVISED BY: D TOSH.

1. PRODUCT INFORMATION

PRODUCT NAME: AQUABAN 100 AND AQUABAN 100F.
GENERIC NAME: TWO COMPONENT CEMENTITIOUS WATERPROOFING.
PRODUCT USE: WATERPROOF COATING FOR CONCRETE AND MASONRY.
WHIMS CLASSIFICATION: CLASSES D2, E.

2. HAZARDOUS INGREDIENTS

COMPONENT NAME	% CONC (WT/WT)	LD50 ORAL RAT	LD50 DERMAL RAT	LC50	CAS NUMBER
PORTLAND CEMENT	30-60%	N.AP.	N.AV.	N.AV.	65997-15-1
SILICA SAND	30-60%	N.AP.	N.AP.	N.AV.	14808-60-7

3. PHYSICAL DATA

PHYSICAL STATE: SOLID, ACTIVATOR PORTION LIQUID.

ODOUR AND APPEARANCE: LOW ODOUR GREY POWDER, ACTIVATOR PORTION VISCOUS WHITE LIQUID.

ODOUR THRESHOLD: N.AV.

SPECIFIC GRAVITY (g/cm³@20 °C): 2.66-SOLID 1.14-LIQUID

VAPOUR PRESSURE: N.AV.

VAPOUR DENSITY (AIR=1): N.AV.

EVAPORATION RATE: N.AV.

BOILING POINT (°C): LIQUID >100.

FREEZING POINT (°C): N.AV.

pH: SOLID, NEAR NEUTRAL WHEN DRY. WHEN MIXED WITH LIQUID PORTION pH=13.

COEFFICIENT OF WATER/OIL DISTRIBUTION N.AV.

4. FIRE OR EXPLOSION HAZARDS

FLASHPOINT (METHOD):	N.AP.
UPPER FLAMMABLE LIMIT (% BY VOL.):	N.AP.
LOWER FLAMMABLE LIMIT:	N.AP.
AUTO IGNITION TEMPERATURE (°C):	N.AP.
HAZARDOUS COMBUSTION PRODUCTS:	N.AP.
CONDITIONS OF FLAMMABILITY:	NON FLAMMABLE
EXPLOSION SENSITIVITY:	NON EXPLOSIVE
MEANS OF EXTINCTION:	N.AP.

5. REACTIVITY DATA

CHEMICAL STABILITY:	RELEASES LIME WHEN MIXED WITH LIQUID PORTION.
INCOMPATIBILITY:	AVOID CONTACTING STRONG ACIDS WITH LIQUID PORTION AND WET PRODUCT.
HAZARDOUS DECOMPOSITION	N.AV.
CONDITIONS OF REACTIVITY:	BECOMES CAUSTIC WHEN WET.

6. TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:	INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.
EFFECTS OF ACUTE EXPOSURE:	INHALATION, CAN IRRITATE UPPER RESPIRATORY TRACT. SKIN CONTACT WITH THE WET PRODUCT CAN CAUSE IRRITATION, REDDENING AND ALKALI BURNS. EYE CONTACT WITH WET OR DRY PRODUCT CAN CAUSE IRRITATION AND REDDENING. INGESTION MAY CAUSE SERIOUS TISSUE DAMAGE.
EFFECTS OF CHRONIC EXPOSURE:	INHALATION: SILICA SAND CAN CAUSE SILICOSIS, A CHRONIC SLOW DEVELOPING DISEASE FROM LONG TERM OVER EXPOSURE. SCARRING OF LUNG TISSUE CAN OCCUR. EYE CONTACT: LONG TERM ON REPEATED EXPOSURE TO DUST CAN CAUSE INFLAMMATION OF THE CORNEA. IF UNTREATED INGESTION OF THE LIQUID PORTION OR WET PRODUCT MAY BE FATAL.
EXPOSURE LIMITS:	0.2mg/m ³ (TWAEI)
SENSITIZATION:	DOES NOT OCCUR.

6. TOXICOLOGICAL PROPERTIES ...CONT'D..

**TOXICOLOGICALLY
SYNERGISTIC PRODUCTS:**

TOBACCO SMOKE: THERE IS AN INCREASED RISK OF IMPAIRED HEALTH DUE TO A COMBINATION OF SMOKING AND SILICA DUST EXPOSURE.

OTHER HEALTH EFFECTS:

LUNG SCARRING DUE TO OVER EXPOSURE TO SILICA DUST INCREASES SUSCEPTIBILITY TO TUBERCULOSIS AND OTHER RESPIRATORY INFECTIONS.

7. FIRST AID MEASURES

SKIN CONTACT:

WASH AFFECTED AREA WITH SOAPY WATER.

EYE CONTACT:

FLUSH EYES WITH COPIOUS AMOUNTS OF WATER. IF CEMENT CANNOT BE DISLODGED FROM EYES IN THIS MANNER AND DISCOMFORT PERSISTS, CONSULT PHYSICIAN.

INHALATION:

AVOID. NO TREATMENT REQUIRED.

INGESTION:

WET PRODUCT IS VERY CAUSTIC. DO NOT INDUCE VOMITING. DRINK LARGE AMOUNT OF WATER TO DILUTE. CONTACT PHYSICIAN.

8. PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:**GLOVES:**

REQUIRED FOR CONTACT WITH WET CEMENT. IMPERMEABLE MATERIAL.

RESPIRATORY:

DUST MASK REQUIRED IF EXPOSURE LIMITS ARE EXCEEDED.

EYES:

TIGHT FITTING GOGGLES.

FOOTWEAR:

BOOTS SHOULD BE WORN TO AVOID CONTACT WITH WET CEMENT.

CLOTHING:

APPROPRIATE TO PROTECT SKIN FROM CONTACT WITH WET CEMENT.

OTHER:

BARRIER CREAMS MAY BE USED TO PROTECT AREAS OF EXPOSED SKIN.

VENTILATION:

LOCAL EXHAUST MAY BE USED TO MAINTAIN LEVELS BELOW THE EXPOSURE LIMITS.

8. PREVENTATIVE MEASURES ... CONT'D..

LEAK AND SPILL PROCEDURES:	NO ENVIRONMENTAL HAZARD EXISTS. AVOID CONTACT WITH SKIN AND EYES IF CLEANING UP WET CEMENT. KEEP DUST LEVELS AT A MINIMUM DURING CLEANUP. WEAR APPROPRIATE DUST MASK IF NECESSARY. LIQUID MAY BE ABSORBED WITH AN ABSORBANT MATERIAL.
WASTE DISPOSAL:	NORMAL SOLID DISCARD.
HANDLING & STORAGE	AVOID CONTACT WITH WATER. STORE IN AREAS OF LOW HUMIDITY.
SHIPPING INFORMATION:	NO SPECIFIC PROCEDURES REQUIRED.

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

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, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."