



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	IVORY 317 HI ACTIVATOR Abrasion resistant wearing compound
MSDS REVISION NUMBER	1
MANUFACTURER	Flowcrete SA (Pty.) Ltd. 176 Voortrekker Street Jacobs 4052
TELEPHONE NUMBER	(031) 461 3411
EMERGENCY TELEPHONE NUMBER(S)	Rob Weyers (031) 461 3411
SYNONYMS	None
CHEMICAL FAMILY	Polyamide mixture
UN NUMBER	3082
DATE PREPARED	January 2011

SECTION 2 - COMPOSITION

HAZARDOUS COMPONENTS	1. Benzyl Alcohol 2. Triethylenetetramine
R - PHRASES	R 20 / 22 / 43
S - PHRASES	S 26 / 36 / 37

SECTION 3 - HAZARDS IDENTIFICATION

FLAMMABILITY	Minimal
HEALTH EFFECTS - EYES	Moderate eye irritant.
HEALTH EFFECTS - SKIN	Moderate skin irritant. May cause skin sensitisation.
HEALTH EFFECTS - INGESTION	Harmful if swallowed.
HEALTH EFFECTS - INHALATION	Respiratory irritant

SECTION 4 - FIRST AID MEASURES

EYE CONTACT	Hold eye lids apart and immediately flush with plenty of water for at least 15 minutes. Seek medical attention immediately.
SKIN CONTACT	Rinse thoroughly with plenty of water. Remove contaminated clothing and shoes. Seek medical attention immediately.
INGESTION	Rinse mouth thoroughly with water. Do not induce vomiting. Seek medical attention immediately.
INHALATION	Move to fresh air. If breathing has stopped or is laboured, give assisted respiration. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE RATING	Minimal
REACTIVITY	Minimal

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear long sleeved clothing, boots, gloves, and eye protection.

ENVIRONMENTAL PRECAUTIONS

Ensure that the spilled material does not enter any drains.

SPILL CLEAN-UP PROCEDURE

Collect and place the contaminated materials in an approved disposal container. Dispose of contaminants in accordance with the Local and National By-laws. Should the spill exceed the in-house capabilities, call a spill responder immediately.

SECTION 7 - HANDLING AND STORAGE

STORAGE

Keep in cool, dry, ventilated storage and in closed containers

HANDLING

Avoid contact with skin and eyes. Do not ingest or inhale. When handling, do not eat, drink or smoke.

SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION

Wear chemical safety glasses or goggles. Provide readily accessible eye wash stations.

SKIN PROTECTION

Wear long sleeved clothing, gloves, and boots. Provide readily accessible safety showers.

RESPIRATORY PROTECTION

Not required under normal conditions in well ventilated workplaces.

INGESTION PROTECTION

Wash before eating, drinking or smoking. Observe the rules of hygiene.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Paste
COLOUR	Dark Grey
ODOUR	Ammoniacal
pH	Alkaline
BOILING POINT	No data
MELTING POINT	No data
FLASH POINT	> 100 °C
FLAMMABILITY	4 - Minimal
VAPOUR PRESSURE	No data
SPECIFIC GRAVITY	2.2
SOLUBILITY IN WATER	Slight

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Not applicable - product is stable
INCOMPATIBLE MATERIALS	No data
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide and carbon dioxide in a fire. Ammonia and other irritating fumes when heated.

SECTION 11 - TOXICOLOGICAL PROPERTIES

ACUTE ORAL TOXICITY (LD50, RAT)	> 2000.00 mg/kg
ACUTE DERMAL TOXICITY (LD50, RABBIT)	> 2800.00 mg/kg
ACUTE INHALATION TOXICITY (LC50, RAT)	No data
EYE AND SKIN CONTACT	Moderate eye and skin irritant.
CARCINOGENICITY	This product contains no carcinogens in concentrations of 0.1% or greater.

SECTION 12 - ECOLOGICAL INFORMATION

No data

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Use a reputable waste disposal contractor. Waste disposal measures must comply with all Local and National By-laws.

SECTION 14 - TRANSPORT INFORMATION

UN NUMBER	3082
IMO SHIPPING NAME	Environmentally hazardous substance, N.O.S.
IMO CLASS AND DANGER GROUP	Class 9, Danger Group III
IMO SUBSIDIARY RISK(S)	None

SECTION 15 - REGULATORY INFORMATION

RISK (R) PHRASES R 20 / 22 - Harmful by inhalation and if swallowed.
R 43 - May cause sensitisation by skin contact.

SAFETY (S) PHRASES S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36 / 37 - Wear suitable protective clothing, gloves and eye/face protection.

SECTION 16 - OTHER INFORMATION

Alert workers to this hazardous potential and ensure precautions are taken. In cases of any discomfort always seek medical advice.

All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for error of omission or the consequences thereof.