



MATERIAL SAFETY DATA SHEET

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**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**  
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<b>PRODUCT NAME</b>	IVORY 317 HI WEAR FAST SET ACTIVATOR Abrasion resistant wearing compound
<b>MSDS REVISION NUMBER</b>	0
<b>MANUFACTURER</b>	Flowcrete SA (Pty.) Ltd. 176 Voortrekker Street Jacobs 4052
<b>TELEPHONE NUMBER</b>	(031) 461 3411
<b>EMERGENCY TELEPHONE NUMBER(S)</b>	Rob Weyers (031) 461 3411
<b>SYNONYMS</b>	None
<b>CHEMICAL FAMILY</b>	Polyamide mixture
<b>UN NUMBER</b>	3082
<b>DATE PREPARED</b>	January 2016

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**SECTION 2 - COMPOSITION**  
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<b>HAZARDOUS COMPONENTS</b>	1. Benzyl Alcohol 2. Triethylenetetramine
<b>R - PHRASES</b>	R 20 / 22 / 43
<b>S - PHRASES</b>	S 26 / 36 / 37

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## SECTION 3 - HAZARDS IDENTIFICATION

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

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## **SECTION 4 - FIRST AID MEASURES**

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

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## **SECTION 5 - FIRE FIGHTING MEASURES**

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<b>FIRE RATING</b>	Minimal
<b>REACTIVITY</b>	Minimal

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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### 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.

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## SECTION 7 - HANDLING AND STORAGE

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### 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.

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## SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS

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### 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.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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

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## SECTION 10 - STABILITY AND REACTIVITY

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

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## SECTION 11 - TOXICOLOGICAL PROPERTIES

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

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## SECTION 12 - ECOLOGICAL INFORMATION

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No data

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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### WASTE DISPOSAL

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

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## SECTION 14 - TRANSPORT INFORMATION

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### 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

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## SECTION 15 - REGULATORY INFORMATION

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### 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.

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## -SECTION 16 - OTHER INFORMATION

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

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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.

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