

MEGAFLEX

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product Name	MegaFlex Part B 5lt
Product Code	C400 Part B
Company	Big 5 Concrete 5 van der Bijl Street Westonaria Gauteng South Africa
Telephone	086 1127 425
Telefax	086 6766 232
Website	www.treadstonecpm.co.za
Product	Liquid Polymers

2. HAZARD IDENTIFICATION

Identification	No significant hazard
Emergency Overview	C400 part B is a White milky liquid
Potential Health Effects:	<p>Relevant Routes of Exposure: Eye contact, skin contact, inhalation, ingestion.</p> <p>Effects resulting from eye contact: Eye contact ranging from moderate eye irritation to chemical burn. Such exposures require immediate first aid (see Section 4) and medical attention to prevent significant damage to the eye.</p> <p>Effects resulting from skin contact: None</p> <p>Effects resulting from ingestion: If more than several mouthfuls are swallowed abdominal discomfort, nausea and diarrhea may occur</p> <p>Inhalation: Breathing the vapor or mist at concentrations in the air. Remove from exposed area</p>

3. COMPOSITION

Water based dispersion of a Copolymer Vinyl Acetate

4. FIRST AID

Inhalation	Remove exposed person to fresh air. If airways become inflamed, Seek medical advice
Skin	Wash with water & non-sensitizing soap
Eyes	Wash eyes with large volumes of water. Seek medical attention.
Ingestion	Ingestion in harmful quantities is unlikely to occur. If ingested drink plenty of water and consult a doctor immediately.
<i>DO NOT INDUCE VOMITING.</i>	
Spillage Handling	Contain, absorb or vacuum
Storage Requirements	Keep dry. Do not stack more than 2 pallets high
Packaging and Labelling	In terms of SANS 10228
Inhalation	None
Skin Contact	None
Ingestion	Ingestion in harmful quantities is unlikely to occur. If ingested drink plenty of water and consult a doctor immediately.

5. FIRE FIGHTING MEASURES

Flash point*	None
Lower Explosion Limit	Limit None
Upper Explosion Limit	Limit None
Auto ignition temperature	Not combustible
Extinguishing media	Not combustible
Special fire fighting procedures	None
Hazardous combustion products	None
Unusual fire and explosion hazards	None

6. ACCIDENTAL RELEASE MEASURES

Stop the source of the leak or release and contain the leak if possible. Ventilate the area. Use respirator and protective clothing to prevent unnecessary exposure to the product. Cover the spill with a generous amount of absorbent material. Use a stiff broom to mix thoroughly and sweep into a suitable disposable container. Scrub the contaminated area with a detergent and water using a stiff broom. Pick up the liquid with an absorbent material and place in a suitable disposable container. Prevent contamination of ground and surface water

7. HANDLING AND STORAGE PROCEDURES

Normal temperatures and pressures do not affect the material. Promptly remove dusty clothing or clothing which is wet with GROUT liquids and launder before reuse. Wash thoroughly after exposure to dust or wet mixtures or liquids.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Skin protection

Prevention is essential to avoiding potentially severe skin injury. Avoid contact with unhardened Portland cement. If contact occurs, promptly wash affected area with soap and water. Where prolonged exposure to unhardened Portland cement products might occur, wear impervious clothing and gloves to eliminate skin contact. Where required, wear sturdy boots that are impervious to water to eliminate foot and ankle exposure.

Do not rely on barrier creams: barrier creams should not be used in place of gloves.

Periodically wash areas contacted by dry C400 Part B or by wet cement or concrete liquids with a pH neutral soap. Wash again after the task has been completed. If, at any time, skin irritation is experienced, immediately wash the affected area and seek treatment. Clothing that has become saturated with wet concrete should be removed and replaced with clean dry clothing, after washing any affected areas of skin.

Respiratory protection

Avoid actions that cause dust to become airborne. Use local and general ventilation to control exposures below applicable exposure limits.

Use NIOSH/MHSA-approved (under 30 CFR 11) or NIOSH approved (under 42 CFR 84) respirators in poorly ventilated areas, if an applicable exposure limit is exceeded, or when dust causes discomfort or irritation.

Ventilation

Use local exhaust or general dilution ventilation to control exposure within applicable limits.

Eye protection

Where eyes are exposed to the risk of splashes or puffs of cement, wear safety glasses with side shields or goggles. In extremely dusty environments and unpredictable

Environments, wear unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when working with C400.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Liquid
Odour	No distinct odour
Physical state	Liquid
Solubility in water	Insoluble but miscible in all proportions
Vapour pressure	100 °C
Vapour density	1,0 g/cm ³
Flammability	Not applicable
Evaporation rate	Not applicable

10. STABILITY AND REACTIVITY

Stability

Stable

Conditions to avoid

Temperatures below 5°C and above 45 °C

11. TOXICOLOGICAL INFORMATION

Summary of toxicology

The following Toxicological Assessment is based on knowledge of the toxicity of the products components

ACUTE ORAL TOXICITY

Low order of acute toxicity. Ingestion of the product may cause nausea, vomiting and diarrhea

IRRITATIVE EFFECTS

Unlikely to irritate on brief exposure

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

When used and disposed of as intended, no adverse risks are foreseen. Do not dispose of into open waterways, storm water drains or sewerage mains

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Place the contaminated matter into a disposable container and dispose of in a manner consistent with applicable local regulations. Contact local Environmental or Health Authorities for approved disposal of this material

REMARKS

Releases of this product should be prevented from contaminating soil and from entering drainage, sewer systems and all bodies of water

14. TRANSPORT

TRANSPORTATION MEASURES

Not considered hazardous for transport. When transporting by road, the driver should be equipped to manage a spillage of the product so as not to contaminate soil and waterways

15. REGULATORY INFORMATION

Respirators must follow AS1715/1716 Standard for approved Respirators.

Respirators must follow NZS5 2209/2266 Standard for approved Respirators.

In the absence of local approved authorities, follow U.S. NIOSH/MSHA, U.K. BSI, and Australian AS1715/1716 Standards.

16. OTHER INFORMATION

C400 part A should only be used by knowledgeable persons. While the information provided in this Material Safety Data Sheet is believed to provide a useful summary of the hazards of C400 part A that may be needed in every situation. Inexperienced product users should obtain proper training before using this product.