

## SAFETY DATA SHEET

### MASTERSEAL 300B POWDER\ BARRAFER POWDER

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** MASTERSEAL 300B POWDER\ BARRAFER POWDER

**PART No.:** F353948

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
PORTLAND CEMENT		65997-15-1	30-60 %	Xi	36/38, 41
RESPIRABLE SILICA		60676-86-0	5-10 %	Xn	48/20

The full text for all R-phrases are shown in section 16.

**COMPOSITION COMMENTS:** Modified sand/cement mixture

#### 3 HAZARDS IDENTIFICATION

Irritating to skin.  
Risk of serious damage to eyes.

#### 4 FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.

**INGESTION:** Immediately rinse mouth and provide fresh air. DO NOT INDUCE VOMITING! Get medical attention if any discomfort continues. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Obtain medical advice. Provide rest, warmth and fresh air.

**SKIN:** Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation develops

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** This material is Flammable. Fire can be extinguished using: Water spray, fog or mist. Foam.

#### 6 ACCIDENTAL RELEASE MEASURES

**PRECAUTIONS TO PROTECT ENVIRONMENT:** Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

**SPILL CLEANUP METHODS:** Shovel into dry containers. Cover and move the containers. Flush the area with water. Wear necessary protective equipment. Minimise dust formation

## MASTERSEAL 300B POWDER\ BARRAFER POWDER

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Avoid handling which leads to dust formation. Provide good ventilation.  
**STORAGE PRECAUTIONS:** Store at moderate temperatures in dry, well ventilated area.

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
RESPIRABLE SILICA	60676-86-0	MEL	0.3 mg/m <sup>3</sup>	No std.

**INGREDIENT COMMENTS:** Nuisance Dust 8 Hour TWA 10 Mg/M<sup>3</sup> Inhalable 4 Mg/M<sup>3</sup> Respirable

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Provide adequate general and local exhaust ventilation.  
**RESPIRATORS:** Respiratory protection must be used if air concentration exceeds acceptable level. Dust filter P2 (for fine dust).  
**PROTECTIVE GLOVES:** No specific hand protection noted, but gloves may still be advisable. For prolonged or repeated skin contact use suitable protective gloves. Rubber or plastic.  
**EYE PROTECTION:** Wear dust resistant safety goggles where there is danger of eye contact.  
**OTHER PROTECTION:** Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.  
**HYGIENIC WORK ROUTINES:** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material. **DO NOT SMOKE IN WORK AREA!**

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b> Powder, dust.	<b>ODOUR/TASTE:</b>
<b>COLOUR:</b> Grey cementitious powder	Odourless
<b>BULK DENSITY:</b> ADD DATAkg/m <sup>3</sup>	<b>pH-VALUE, CONC:</b> *ADD DATA*

### 10 STABILITY AND REACTIVITY

**STABILITY:** Normally stable.  
**CONDITIONS TO AVOID:** Not known.  
**MATERIALS TO AVOID:** Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire or high temperatures create: Asphyxiating gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 11 TOXICOLOGICAL INFORMATION

**INHALATION:** Dust may irritate respiratory system or lungs.  
**INGESTION:** May cause discomfort if swallowed.  
**SKIN:** Powder may irritate skin.  
**EYES:** Particles in the eyes may cause irritation and smarting. Risk of serious eye damage  
**HEALTH WARNINGS:** Exposure to extensive dust levels may prove harmful in the long term Chromium VI warning

**MASTERSEAL 300B POWDER\ BARRAFER POWDER****TARGET ORGANS:** Skin. Eyes. Respiratory system, lungs.**12 ECOLOGICAL INFORMATION****ENVIRONMENTAL HAZARDS:** Not regarded as dangerous for the environment.**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS:** Recover and reclaim or recycle, if practical. Dispose of on site landfill area. Dispose of in accordance with Local Authority requirements.**14 TRANSPORT INFORMATION****LABEL FOR CONVEYANCE:** No transport warning sign required.**ROAD:****ROAD TRANSPORT NOTES:** Not classified for road transport.**RAIL:****RAIL TRANSPORT NOTES:** Not classified for rail transport.**SEA:****AIR:****AIR TRANSPORT NOTES:** Not classified for air transport.**15 REGULATORY INFORMATION****LABEL FOR SUPPLY:****IRRITANT****RISK PHRASES:**  
R-38 Irritating to skin.  
R-41 Risk of serious damage to eyes.**SAFETY PHRASES:**  
S-24/25 Avoid contact with skin and eyes.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-39 Wear eye/face protection.  
S-60 This material and its container must be disposed of as hazardous waste.  
U-3 Contact with wet cement may cause irritation, dermatitis or burns.  
U-4 Contact between cement powder and body fluids (eg sweat and eye fluid) may also cause irritation, dermatitis or burns.  
U-6 Contains chromium (VI). May produce an allergic reaction**UK ENVIRONMENTAL LISTINGS:** Rivers (Prevention of Pollution) Act 1961.  
Control of Pollution (Special Waste Regulations) Act 1980.**EC DIRECTIVES:** System of specific information relating to Dangerous Preparations. 91\155.  
**STATUTORY INSTRUMENTS:** Chemicals (Hazard Information and Packaging) Regulations.

## MASTERSEAL 300B POWDER\ BARRAFER POWDER

**APPROVED CODE OF PRACTICE:** Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:** Occupational Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
CHIP for everyone HSG(108).

### 16 OTHER INFORMATION

**INFORMATION SOURCES:** Dangerous Properties of Industrial Materials Report, N.Sax et.al.

**REVISION DATE:** 01/12/06

**REVISION No. /REPLACES SDS ISSUED:**

Issue 2

**SDS No.:** SDS0137

**R-PHRASES (Full Text):**

R-41

Risk of serious damage to eyes.

R-36/38

Irritating to eyes and skin.

R-48/20

Harmful: danger of serious damage to health by prolonged exposure through inhalation.