



**SAFETY DATA SHEET**  
**C.S.P. MORTAR - MIXED AGGREGATES**

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

PRODUCT NAME C.S.P. MORTAR - MIXED AGGREGATES  
 PRODUCT NO. 130/M112/2 - MIXED AGGREGATES  
 APPLICATION Additive for paint  
 SUPPLIER COO-VAR  
 Lockwood Street  
 Hull  
 HU2 0HN  
 +44 (0) 1482 328053(T)  
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 info@coo-var.co.uk  
 CONTACT PERSON as above

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Quartz	238-878-4	14808-60-7	1-5%	T;R48. Xn;R20.
Quartz (alpha)	238-878-4	14808-60-7	60-100%	-

The Full Text for all R-Phrases are Displayed in Section 16

### 3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

Dust from silica sand may be harmful by inhalation. The grain size distribution of silica sand means that it is not hazardous. However, any respirable crystalline silica dust generated by processing and handling of silica sand may cause health effects. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principle symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.

#### HUMAN HEALTH

Liberated dust may irritate throat and respiratory system and cause coughing. The product contains a substance/a chemical group which is suspected of having harmful long-term effects.

### 4 FIRST-AID MEASURES

#### INHALATION

In case of persistent throat irritation or coughing: Seek medical attention and take along these instructions.

#### INGESTION

Immediately rinse mouth and provide fresh air.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Do not rub eye.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire. The product is non-combustible.

## C.S.P. MORTAR - MIXED AGGREGATES

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Avoid inhalation of dust. Avoid contact with eyes.

### ENVIRONMENTAL PRECAUTIONS

Avoid spreading dust or contaminated materials.

### SPILL CLEAN UP METHODS

Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid inhalation of dust and contact with skin and eyes. Avoid spread of dust. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

### USAGE DESCRIPTION

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container

### STORAGE PRECAUTIONS

No special storage precautions noted. Store away from Acids.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Quartz	WEL				0.3 mg/m3
Quartz (alpha)	MEL		0.3 mg/m3 resp.dust		

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust.

### RESPIRATORY EQUIPMENT

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

### EYE PROTECTION

Wear dust resistant safety goggles where there is danger of eye contact.

### OTHER PROTECTION

Wear appropriate clothing to prevent reasonably probable skin contact.

### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**C.S.P. MORTAR - MIXED AGGREGATES****9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Crystalline powder		
COLOUR	Straw		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	2.6	FLASH POINT (°C)	N/A

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid contact with acids.

**MATERIALS TO AVOID**

Strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS**

No hazardous decomposition products.

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica. In 1977, IARC ( the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003). There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits.

**GENERAL INFORMATION**

No specific health warnings noted.

**INGESTION**

No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**

Skin irritation is not anticipated when used normally.

**EYE CONTACT**

Dust in the eyes will cause irritation.

**HEALTH WARNINGS**

Dust may irritate respiratory system.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

There are no data on the ecotoxicity of this product.

**MOBILITY**

The product is non-volatile.

**BIOACCUMULATION**

The product does not contain any substances expected to be bioaccumulating.

**DEGRADABILITY**

The product is expected to be biodegradable. The product is not readily biodegradable.

**C.S.P. MORTAR - MIXED AGGREGATES****13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

With clean shovel place material into dry container, cover and move.

## WASTE CLASS

Neutralised empty packages, are categorised as non-hazardous waste, with code 15 01 02(plastic packaging) or 15 01 04 (metal packaging)

**14 TRANSPORT INFORMATION**

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
PROPER SHIPPING NAME	PAINT PRODUCT		
ROAD TRANSPORT NOTES	Avoid releasing to the environment.		
RAIL TRANSPORT NOTES	Not Classified.		
SEA TRANSPORT NOTES	Not Classified.		
UN NO. ROAD	1263	ADR CLASS NO.	1263
UN NO. SEA	1263	UN NO. AIR	1263

**15 REGULATORY INFORMATION**

## RISK PHRASES

NC Not classified.

## SAFETY PHRASES

S22 Do not breathe dust.

## UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988. Health and Safety at Work Act 1974.

## ENVIRONMENTAL LISTING

Control of Pollution Act 1974. Rivers (Prevention of Pollution) Act 1961.

## EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40) Health and Safety at Work Act (As Amended) 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and use of transportable pressure equipment regulations 2004. The Manual Handling Operations Regulations 1992 [SI 1992:2793]

**16 OTHER INFORMATION**

## REVISION COMMENTS

Major revision (CHIP3) Revisions to sections: (1), (2), (3), (8), (14), (15), and (16) Revision for WEL(Workplace Exposure Limit) section 8. Addition of references to Manual Handling Regulations in Section 7; Classification of Waste in Section 13; associated Regulatory References in Section 15.

## ISSUED BY

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### C.S.P. MORTAR - MIXED AGGREGATES

SAFETY DATA SHEET STATUS

Approved.

DATE Date printed \_\_\_\_\_

SIGNATURE Initials \_\_\_\_\_

RISK PHRASES IN FULL

- NC Not classified.
- R20 Harmful by inhalation.
- R48 Danger of serious damage to health by prolonged exposure.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.