



PRODUCT NAME: Co 12 CEM-ALL
REVISION DATE: 15/12/2003 **FORMER DATE:** 28/02/2003 **VERSION:** 4.0 EN

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION:

PRODUCT NAME: Co 12 CEM-ALL

USE OF THE SUBSTANCE/PREPARATION:

Paint Additive.

COMPANY IDENTIFICATION:

OMG UK LTD.

Ashton New Road

Clayton, Manchester

M11 4AT England

Telephone number: 00 44 161 230 2540 (UK: 0161 230 2540)

Telefax number: 00 44 161 230 2663 (UK: 0161 230 2663)

EMERGENCY TELEPHONE NUMBER:

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2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Component/CAS number	Percent	EINECS-NO:	Warning symbol, R phrases and other information:
Cobalt bis(2-ethylhexanoate) 13586-82-8	67	237-015-9	Xi, R38, R43
Naphtha (Petroleum), hydrotreated heavy 64742-48-9	29	265-150-3	Xn; R65-66
Cobalt Propionate 1560-69-6	4	216-333-1	Xi, R43

FURTHER INFORMATION:

Mixture (preparation)

3. HAZARDS IDENTIFICATION



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Irritant.
Irritating to skin.
May cause sensitization by skin contact.

4. FIRST AID MEASURES

GENERAL INFORMATION:

Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

EYE CONTACT:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

SKIN CONTACT:

Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Consult a physician if necessary.

INHALATION:

Move to fresh air. Artificial respiration and/or oxygen may be necessary. Keep warm and in a quiet place. Consult a physician.

INGESTION:

Do not induce vomiting. Rinse mouth. Call a physician immediately.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Water spray; Foam; Carbon dioxide (CO2).

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:

Strong water jet.

SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, ITS COMBUSTION PRODUCTS, OR RELEASED GASES:

In the event of fire the following can be released: carbon oxides. Hydrocarbons. cobalt oxide.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus and protective suit.

FURTHER INFORMATION:

Cool containers / tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove all sources of ignition. Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin and eyes.

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ENVIRONMENTAL PRECAUTIONS:

Prevent product from entering drains. Do not allow material to contaminate ground water system.

METHODS FOR CLEANING UP:

Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Shovel into suitable container for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

HANDLING:

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

SAFE HANDLING ADVICE:

Keep container tightly closed. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Use only in well-ventilated areas.

TECHNICAL MEASURES/PRECAUTIONS:

Take precautionary measures against static discharges. Provide adequate ventilation.

STORAGE:

TECHNICAL MEASURES/STORAGE CONDITIONS:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.

INCOMPATIBLE PRODUCTS:

Strong oxidizing agents.

SPECIFIC USE(S):

Paint additive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT(S):

Cobalt and cobalt compounds (as Co)
Maximum Exposure Limit: 0.10 mg/m³ (TWA) (UK Occupational Exposure Limits)

Naphtha (Petroleum), hydrotreated heavy
CAS no. 64742-48-9
EINECS no. 265-150-3
Manufacturer Recommended Exposure Limits: 1000 mg/m³ (OES)

EXPOSURE CONTROLS:

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

OCCUPATIONAL EXPOSURE CONTROLS:

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Do not breathe vapours. Provide adequate ventilation. Avoid contact with skin and eyes.

RESPIRATORY PROTECTION:

In case of insufficient ventilation, wear suitable respiratory equipment.

HAND PROTECTION:

Impervious gloves.

EYE PROTECTION:

Goggles.

SKIN AND BODY PROTECTION:

Solvent-resistant apron.

ENVIRONMENTAL EXPOSURE CONTROLS:

Should not be released into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION:

Appearance Liquid
Colour Blue
Odour Slight.

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION:

pH No data available.
Boiling Point/Range Approximately 180° C.
Flash point >61° C Closed Cup
Flammability (solid, gas) No data available.
Explosive properties (Solvent) Lower: 0.6 (vol. %) Upper: 8 (vol. %)
Oxidizing properties Non oxidizing material according to EEC criteria.
Relative density 1.01 at 25° C.
Bulk density No data available.
Vapour pressure Approximately 3 hPa (Solvent)
Solubility
-Water solubility Practically insoluble.
-Fat solubility No data available.
-Solubility in other solvents Hydrocarbons.
Partition coefficient (n-octanol/water) No data available.
Viscosity No data available.
Vapour density >1.
Evaporation Rate No data available.

OTHER INFORMATION:

Melting Point/Range No data available.

10. STABILITY AND REACTIVITY

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CONDITIONS TO AVOID:

Keep away from heat and sources of ignition.

MATERIALS TO AVOID:

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS :

Carbon oxides. Hydrocarbons. Cobalt oxides.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Irritating to respiratory system and skin. Chronic exposure may cause dermatitis.

CORROSIVE EFFECTS:

No data available.

SENSITIZATION:

May cause sensitization by skin contact.

SUBACUTE TOXICITY:

No data available.

REPRODUCTIVE TOXICITY:

No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

No data available.

MOBILITY:

No data available.

PERSISTENCE / DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

13. DISPOSAL CONSIDERATIONS

Council Directive 91/689/EEC on hazardous waste.

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EWC WASTE CODE: WASTES FROM ORGANIC CHEMICAL PROCESSES: 07 01 04 - other organic solvents, washing liquids and mother liquors
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation (2000/532/EC).

WASTE FROM RESIDUES/UNUSED PRODUCTS:
Dispose of in accordance with local regulations.

CONTAMINATED PACKAGING:
Contaminated packaging should be emptied as far as possible. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

15. REGULATORY INFORMATION

LABELLING IN ACCORDANCE WITH EC DIRECTIVES:

Labelling according to Directive 67/548/EEC and 1999/45/EC:

SYMBOL(S):

Xi - Irritant

HAZARDOUS COMPONENT(S) TO BE INDICATED ON LABEL:

Solution of cobalt carboxylates in hydrocarbon solvent

R-PHRASE(S):

R38 - Irritating to skin.

R43 - May cause sensitization by skin contact.

S-PHRASE(S):

S28 - After contact with skin, wash immediately with plenty of soap and water.

S36/37 - Wear suitable protective clothing and gloves.

NATIONAL REGULATIONS:

UK Chemical Hazard Information and Packaging (CHIP 3)

16. OTHER INFORMATION

LIST OF RELEVANT R-PHRASES:

R38 - Irritating to skin.



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- R43 - May cause sensitization by skin contact.
- R65 - Harmful: may cause lung damage if swallowed.
- R66 - Repeated exposure may cause skin dryness or cracking.

REVISED INFORMATION:

This data sheet contains changes from the previous version in section(s): 7; 15; (German version)

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

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