

TECHNICAL SAFETY DATA SHEET

COO-VAR C.S.P./MORTAR/SCREED RESIN/PRIMER

The information given in this data sheet refers to the Resin Base Component (Base) and the Hardener Component (Hardener) used in the products below listed by Trade Name. No information is given on the fillers used in these systems as they do not constitute any hazard to health. All data refers to products in the Liquid, Wet or Uncured state.

SUSTANCE IDENTIFICATION

COO-VAR C.S.P./MORTAR/SCREED RESIN/PRIMER

CHEMICAL COMPOSITION

Base	(Component B) Contains Polymethyl and Methyl Methacrylate
Hardener	(Component B) Contains Di-benzoyl Peroxide and Dicyclohexyl Phthalate

HAZARDS IDENTIFICATION

<u>Base (Comp A)</u>	<u>Hardener (Comp B)</u>
Skin - Irritant	Skin - non irritant
Eyes - Irritant	Eyes - irritant
Inhalation - Irritation	Inhalation - Toxic
Ingestion - irritant	Ingestion - non toxic
Highly Flammable	Flammable

FIRST AID MEASURES

Eye contact - Rinse immediately with plenty of water and seek medical advice.
Skin - Remove with resin removing cream if possible, and wash with plenty of soapy water.
Ingestion - Drink water or milk and seek medical advice.
Spillage on clothes - Remove contaminated clothing.

FIRE FIGHTING MEASURES

Extinguishing Media - Water fog - CO2 - Foam - Dry Powder.
Wear breathing apparatus.

ACCIDENTAL RELEASE MEASURES

BASE Absorb with sand, earth or absorbent granules. Remove for approved disposal. Clean spillage area with water and detergent. Do not allow to enter surface drains. If this occurs inform Local Authority immediately.

HARDENER Sweep up powder and remove for approved disposal. Wash spillage area with water.

HANDLING AND STORAGE

These products are basically safe to use providing that sensible handling precautions are observed. Wear protective clothing, gloves and eye protection. Wash thoroughly after each working period. Remove resin from skin with resin removing cream and then wash thoroughly with soapy water. Ensure adequate ventilation of the work place and do not smoke.

As these materials are flammable ensure no sources of ignition in the workplace, including naked lights, sparks, static discharge. Keep containers, tightly closed and store in a dry, cool, well ventilated place below 25°C. Avoid exposure to light, heat and direct sunlight. Storage time 6 months. Avoid contact with other chemicals.

EXPOSURE CONTROLS

Long Term Exposure Limit
(8 hour TWA Value)

100 ppm

Methyl Methacrylate

Short Term Exposure Limit
(10 minute TWA Value)

125 ppm

PHYSICAL AND CHEMICAL CHARACTERISTICS AND PROPERTIES

	<u>Base (Component A)</u>	<u>Hardener (ComponentB)</u>
Appearance	Clear to Milky Liquid	White Powder
Odour	Typical Methacrylate	none
S.G.	1.02	
Flash Point	10°C	non relevant
Viscosity	10-12 poise	n/a

STABILITY AND REACTIVITY

Danger of bursting of closed systems due to exothermic polymerisation. Avoid uncontrolled polymerisation. Product polymerises on contact with radical generating substances such as peroxides azo compounds, heavy metal compounds, solutions. Heating above 150°C causes formation of Hydrogen Chloride.

TOXICOLOGICAL INFORMATION

Methyl Methacrylate - Acute oral toxicity - LD50 = 7872 mg/kg (Rat)
Acute dermal toxicity - LD50 > 9 400 mg/kg (Rabbit)
Acute inhalation toxicity - LC50 7 093 mg/1/4H (Rat)
Irritive effect to skin - non irritative (Rabbit) OECD 404

Ethylhexylacrylate - Acute oral toxicity - LD50 = 6 500 mg/kg (Rat)

ECOLOGICAL INFORMATION

No ecological data is available.

Assignment by federal environmental agency - group III material with based on current state of knowledge, low potential for hazard.

DISPOSAL CONSIDERATIONS

Dispose of either by approved incineration or removed to Local Authority approved Toxic Waste Disposal site. These materials are controlled by Government legislation regarding disposal. Consult the appropriate Local Authority (usually the County Council).

N.B. Full cured materials may sometimes be treated as household waste. Consult the supplier or Local Authority.

TRANSPORT INFORMATION

EEC No. 201-297-1

HARMFUL
HIGHLY FLAMMABLE

Base - I.M.D.G. Code 3.2 Packing Group 2

Hardener - I.M.D.G. Code 5.2 Packing Group 2

REGULATORY INFORMATION

Base (Comp A)

Irritating to eyes, skin and respiratory system. Highly Flammable. May cause sensitisation by skin contact.
Keep in a cool well ventilated place.
Keep container tightly closed. Keep away from sources of ignition. No Smoking. Take precautionary measures against static discharge. Wear protective clothing, gloves and eye/face protection.

Hardner (Comp B)

Flammable
Irritating to eyes, skin and respiratory system
Avoid shock and friction.
Keep away from accelerators, driers, metal soaps, heavy metal compounds.

OTHER INFORMATION

Do not allow to enter drains or soil

The information given on this technical data sheet is correct to the best of our knowledge. Due to the policy of continuous improvement and modernisation to the product range some of the details may be subject to alteration without notice. If in any doubt please contact COO-VAR TECHNICAL services on 01482-328053 .

The details shown are of a technical nature and are not designed as instructions for use. For this information please read and understand details given on the containers and the relevant product brochures.

Should you require any information contact your stockist or Coo-Var directly.

COO-VAR

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