



Material Safety Data Sheet

Copon Hycote EA9WB Finish Activator

Date of issue 18/07/2005.

CP215FA

1. Identification of the substance/preparation and company/undertaking

Product no. CP215FA
Product name Copon Hycote EA9WB Finish Activator
Manufacturer Copon Division of E. Wood Limited
 Standard Way, Northallerton,
 North Yorkshire, DL6 2XA, England
 Tel. +44 (0)1609 780170 Fax. +44 (0)1609 788718
 email: copon@ewood.co.uk
Product use Paint. Coating.

Supplied by:
RS Components Ltd.,
 Birchington Road, Corby, Northants, NN17 9RS.
 Tel: (01536) 402888

2. Composition/information on ingredients

Substance/preparation

Component	CAS number	% by weight	EC number	Classification
POLYETHYLENE POLYAMINE ADDUCT 2-(PROPYLOXY)ETHANOL	099377-78-3 002807-30-9	40 - 50% 30 - 40%	220-548-6	Xi; R36/38, R43 Xn; R21, Xi; R36

See section 16 for the full text of the R-phrases declared above

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification Xn; R21, Xi; R36/38, R43

Human health hazards Harmful in contact with skin. Irritating to eyes and skin. May cause sensitisation by skin contact.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures

First-aid measures

Inhalation	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.
Skin contact	Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation occurs.
Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media

In case of fire, use water spray (fog), foam, dry chemical or CO₂. Do not use water jet.

Special exposure hazards

No specific hazard.

Hazardous thermal decomposition products

In a fire, the following may be released: carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂ etc.)

Protection of fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions

Immediately contact emergency personnel. Use suitable protective equipment (section 8).

Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up

If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dyke spilt material or otherwise contain it to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

7. Handling and storage

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage

Keep container tightly closed. Store in original sealed containers at temperatures between 5° and 30°C.

8. Exposure controls/personal protection

Exposure controls

Respiratory protection

Spray , Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapour cartridge. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Hand protection

Safety glasses. Chemical splash goggles. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Eye protection

Protective clothing Repeated or prolonged contact with irritants may cause dermatitis.

Skin protection

9. Physical and chemical properties

<u>Appearance</u>	Liquid. (Clear.)	<u>Odour</u>	Faint odour. Ammoniacal.
<u>pH</u>	7 [Neutral.]	<u>Boiling point</u>	>150°C (302°F)
<u>Flash point</u>	Closed cup: >60°C (140°F).	<u>Flammability</u>	Non-flammable.
<u>Explosion limits</u>	Not available.	<u>Oxidising properties</u>	Not available.
<u>Vapour pressure</u>	Not available.	<u>Relative density</u>	1.07 g/cm ³
<u>Solubility</u>	Easily soluble in cold water, hot water, methanol, acetone.	<u>Vapour density</u>	Not available.
<u>Evaporation rate (butyl acetate = 1)</u>	Not available.	<u>Octanol/water partition coefficient</u>	Not available.
<u>Auto-ignition temperature</u>	>450°C (842°F)	<u>Melting point</u>	>0°C (32°F)

10. Stability and reactivity

Stability

The product is stable.

Conditions to avoid

Combustible when exposed to heat or flame.

Materials to avoid

Strong oxidising materials strong acids alcohols Amines

Hazardous decomposition products

In a fire, the following may be released: carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂ etc.)

11. Toxicological information

Potential acute health effects

Inhalation

No known significant effects or critical hazards.

Ingestion

No known significant effects or critical hazards.

Skin contact

Harmful in contact with skin. Irritating to skin. May cause sensitisation by skin contact.

Eye contact

Irritating to eyes.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
2-(PROPYLOXY)ETHANOL	LD50	3100 mg/kg	Oral	Rat

Potential chronic health effects

Carcinogenicity

No carcinogenic effect.

Mutagenicity

No mutagenic effect.

Reproductive toxicity

No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation

No known significant effects or critical hazards.

Ingestion

No known significant effects or critical hazards.

Skin

Repeated skin exposure can produce local skin destruction or dermatitis.

Additional information

No components of this material are listed as carcinogens by OSHA, NTP, ACGIH or IARC.

12. Ecological information

Persistence/degradability

<u>Ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
Copon Hycote EA9WB Finish Activator	-	-	Inherent

Bioaccumulative potential

This product is not expected to bioaccumulate through food chains in the environment.

Mobility

Do not allow to enter drains or watercourses.

Other adverse effects

No known significant effects or critical hazards.

13. Disposal considerations**Methods of disposal**

The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste

The classification of the product may meet the criteria for a hazardous waste.

14. Transport information**International transport regulations****Additional information**

This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

15. Regulatory information**EU regulations****Hazard symbol/symbols**

Harmful

Risk phrases

R21- Harmful in contact with skin. R36/38- Irritating to eyes and skin. R43- May cause sensitisation by skin contact.

Safety phrases

S24- Avoid contact with skin.S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.S28- After contact with skin, wash immediately with plenty of soap and water.S36/37- Wear suitable protective clothing and gloves.S46- If swallowed, seek medical advice immediately and show this container or label.S42- During spraying wear suitable respiratory equipment.

Contains

POLYETHYLENE POLYAMINE ADDUCT

220-548-6

Product use

Classification and labelling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.

- Consumer applications.

Other EU regulations**EU statistical classification (Tariff Code)**

32089019

National regulations**United States****SARA 313 toxic chemical notification and release reporting**

No products were found.

Germany**Hazard class for water**

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16. Other information**Date of issue**

18/07/2005.

Date of previous issue

09/11/2004

Revision comments

General

Full text of R-phrases referred to in sections 2 and 3 - Europe

R21- Harmful in contact with skin.R36- Irritating to eyes.R36/38- Irritating to eyes and skin.R43- May cause sensitisation by skin contact.

Full text of classifications referred to in sections 2 and 3 - Europe

Xn - Harmful
Xi - Irritant

Further information

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC
Canada - This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.