

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 1. Identification of the substance and of the company/undertaking

### Company details:

Protectcoat International  
Spinding 16  
5431 SN CUIJK  
The Netherlands  
+31 (0)85-0655797  
www.protectcoatint.com

**Trade name** : Protectcoat Colour RC

### 1.2 Relevant identified uses of the substance or mixture and uses advised

Coating

### 1.3 Emergency telephone number:

EU: call 112

## Section 2. Hazards Identification

### 2.1 Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.  
Eye Irrit. 2; H319, Causes serious eye irritation

### 2.2 Label elements



### Signal word:

Warning

### Hazard statements

Causes skin irritation. (H315)  
Causes serious eye irritation. (H319)

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Precautionary statements

<b>General</b>	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
<b>Prevention</b>	Wear eye protection. (P280). Wash hands thoroughly after handling. (P264)
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338). If eye irritation persists: Get medical advice/attention. (P337+P313)
<b>Storage</b>	-
<b>Disposal</b>	-

## Hazardous substances

No Special

### 2.3. Other hazards

Additional labelling

Not applicable

### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## Section 3. Composition information on ingredients

### 3.2 Mixtures:

Product/substance	Identifiers	% w/w	Classification	Note
Ethyl 3-ethoxypropionate	CAS No.: 763-69-9 EC No.: 212-112-9 REACH: 01-2119463267-34-XXXX Index No.:	10-30%	EUH066 Flam. Liq. 3, H226	
3-Aminopropyltriethoxysilane	CAS No.: 919-30-2 EC No.: 213-048-4 REACH: 01-2119480479-24-XXXX Index No.: 612-108-00-0	1-3%	Acute Tox. 4, H302 Skin Corr. 1B, H314	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

No special

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 4. First aid measures

### 4.1 Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract:  
Bring the person into fresh air and stay with him/her

#### Skin contact

IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. If skin irritation occurs: Get medical advice/attention

#### Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

### 4.2. Most important symptoms and effects, both acute and delayed

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics Bring this safety data sheet

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 5. Firefighting measures

### 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.

### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are: Nitrogen oxides (NO<sub>x</sub>) Carbon oxides (CO / CO<sub>2</sub>).

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## Section 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

### 6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste. Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste. See section 8 "Exposure controls/personal protection" for protective measures

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area. See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage temperature

Room temperature 18 to 23°C

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

No substances are listed in national list of substances with an occupational exposure limit.

#### DNEL / PNEC

Ethyl 3-ethoxypropionate

##### Duration

Long term –

Systemic effects –

General population

Long term –

Systemic effects –

Workers

##### Route of exposure

Inhalation

Inhalation

##### DNEL

72,6 mg/m<sup>3</sup>

610 mg/m<sup>3</sup>

#### PNEC

Ethyl 3-ethoxypropionate

##### Route of exposure

Freshwater

Freshwater sediment

Marine water

Marine water sediment

Sewage treatment plant

##### Duration of Exposure

-

-

-

-

-

##### PNEC

0.06 mg/l

0.42 mg/kg dw

0.006 mg/l

0.042 mg/kg dw

50 mg/l

### 8.2 Exposure Control

Control is unnecessary if the product is used as intended.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

#### Hygiene measures

Take off contaminated clothing and wash it before reuse.

#### Measures to avoid environmental exposure

No specific requirements.

#### Individual protection measures, such as personal protective equipment



#### Generally

Use only UKCA marked protective equipment.

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Characteristic
<b>Odour threshold (ppm)</b>	No data available.
<b>pH</b>	Testing not relevant or not possible due to nature of the product.
<b>Viscosity (40°C)</b>	Testing not relevant or not possible due to nature of the product
<b>Density (g/cm<sup>3</sup>)</b>	1.02
<b>Phase changes</b>	
<b>Melting point (°C)</b>	Testing not relevant or not possible due to nature of the product
<b>Boiling point (°C)</b>	138
<b>Vapour pressure</b>	1 hPa (20 °C).
<b>Decomposition temperature (°C)</b>	Testing not relevant or not possible due to nature of the product.
<b>Evaporation rate (n-butylacetate = 100)</b>	No data available.
<b>Data on fire and explosion hazards</b>	
<b>Flash point (°C)</b>	65
<b>Ignition (°C)</b>	240
<b>Auto flammability (°C)</b>	Testing not relevant or not possible due to nature of the product.
<b>Explosion limits (% v/v)</b>	No data available.
<b>Explosive properties</b>	No data available.
<b>Solubility</b>	
<b>Solubility in water</b>	Insoluble
<b>n-octanol/water coefficient</b>	Testing not relevant or not possible due to nature of the product.
<b>9.2. Other information</b>	
<b>Solubility in fat (g/L)</b>	No data available.

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 10. Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

Nothing special

### 10.4. Conditions to avoid

Nothing special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Substance: Ethyl 3-ethoxypropionate

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 4309 mg/kg bw

Substance: Ethyl 3-ethoxypropionate

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: 4080mg/kg bw

Substance: Ethyl 3-ethoxypropionate

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: 5967mg/m<sup>3</sup>l

# Protectcoat Colour RC

According to EC-Regulation 2015/830

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**Endocrine disrupting properties** No special

**Other information** No special



# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 12. Ecological information

### 12.1 Toxicity

Substance: Ethyl 3-ethoxypropionate

Species: Fish

Test: LC50

Duration: 96h

Result: 60.9mg/l

Substance: Ethyl 3-ethoxypropionate

Species: Daphnia

Test: EC50

Duration: 48h

Result: 873mg/l

Substance: Ethyl 3-ethoxypropionate

Species: Algae

Test: EC50

Duration: 72h

Result: 114.8 mg/l

### 12.2 Persistence and degradability

Substance: Ethyl 3-ethoxypropionate

Biodegradable: Yes

Test method: OECD 301 B

Result: 100

### 12.3 Bioaccumulative potential

Product/substance Ethyl 3-ethoxypropionate

Test method

Potential No

Bioaccumulation

LogPow No data available

BCF No data available

Other information

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Endocrine disrupting properties

No special

### 12.7. Other adverse effects

No special

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 13. Disposal Considerations information

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. Dispose of contents/container to an approved waste disposal plant. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law

#### EWC CODE

12 01 12 spent waxes and fats

#### Specific labelling

Not applicable

#### Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

## Section 14. Transport information

### 14.1 – 14.4

#### ADR/RID

14.1. UN number	–
14.2. UN proper shipping name	–
14.3. Transport hazard class(es)	–
14.4. Packing group	–
Notes	–
Tunnel restriction code	–

#### IMDG

UN-no.	–
Proper Shipping Name	–
Class	–
PG*	–
EmS - MP**	–
Hazardous constituent	–
IATA/ICAO	
UN-no.	–
Proper Shipping Name	–
Class	–
PG*	–

### 14.5. Environmental hazards

-

**Additional information:** Not dangerous goods according to ADR, IATA and IMDG

### 14.6. Special precautions for user

-

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

# Protectcoat Colour RC

According to EC-Regulation 2015/830

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered

#### Demands for specific education

-

#### Additional information

Not applicable

#### Seveso

-

#### Biocidal reg. no.

Not applicable

#### Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

# Protectcoat Colour RC

According to EC-Regulation 2015/830

## Section 16. Other information

### The full text of identified uses as mentioned in section 1

-

### The full text of identified uses as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage

### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products. It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification

### 16.6 Additional information available from:

Protectcoat International

Postbus 36

5430 AA CUIJK

+31(0)85 0655797

[www.protectcoatint.com](http://www.protectcoatint.com)

Last update: 01/01/2022