

Protectcoat AG70 Coating Satin

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 AG70 Coating Satin

1.2 Relevant identified uses of the substance or mixture and uses advised
(Graffiti) 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)

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Precautionary statements

General	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
Prevention	Wear eye protection. (P280). Wash hands thoroughly after handling. (P264)
Response	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)
Storage	-
Disposal	-

Hazardous substances

No Special

Unique formula identifier (UFI)

6CVT-S44M-SCOT-2PP8

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

Not applicable

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.:	5-10%	Flam. Liq. 3, H226 H412	

NAME: Organosilan

IDENTIFICATION NOS.: CAS-no: 919-30-2 EC-no: 213-048-4

CONTENT: 2.5 – <5%

CLP CLASSIFICATION: Acute Tox. 4, Skin Corr. 1B H302, H314

Other information

ATEmix(oral) > 2000

Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 2.32 - 3.48

Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 2.32 - 3.48

N chronic (CAT 4) Sum = Sum(Ci/(M(chronic)ⁱ*25)*0.1*10^{CAT4}) = 0.2272 - 0.3408

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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

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

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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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. 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.

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

No specific requirements

6.2. Environmental precautions

No specific requirements

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on '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

7.3. Specific end use(s)

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

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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	Route of exposure	DNEL
Long term – Systemic effects – General population	Inhalation	72,6 mg/m ³
Long term – Systemic effects – Workers	Inhalation	610 mg/m ³

PNEC

Ethyl 3-ethoxypropionate

Route of exposure	Duration of Exposure	PNEC
Freshwater	-	0.06 mg/l
Freshwater sediment	-	0.42 mg/kg dw
Marine water	-	0.006 mg/l
Marine water sediment	-	0.042 mg/kg dw
Sewage treatment plant	-	50 mg/l

8.2 Exposure Control

Control is unnecessary if the product is used as intended.

General recommendations

Observe general occupational hygiene standards.

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

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



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Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Recommended: AX. Brown

Skin protection

Dedicated work clothing should be worn.

Hand protection

Butyl rubber Breakthrough time: > 480 minutes (Class 6)

Eye protection

Wear safety glasses with side shields.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	White
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm³)	1.03
Phase changes	
Melting point (°C)	No data available.
Boiling point (°C)	138
Vapour pressure	0,7 hPa (20 °C).
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
Data on fire and explosion hazards	
Flash point (°C)	64
Ignition (°C)	300
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

Solubility

Solubility in water	soluble
n-octanol/water coefficient	No data available

9.2. Other information

Solubility in fat (g/L)	No data available.
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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/m³l

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Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Long term effects

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Endocrine disrupting properties No special

Other information No special

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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

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Section 13. Disposal Considerations information

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

EWC CODE

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Specific labelling

Not applicable

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

Section 14. Transport information

14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

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

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Additional information:

14.6. Special precautions for user

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

No data available

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Section 15. Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

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Additional information

Not applicable

Seveso

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Biocidal reg. no.

Not applicable

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP). Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

No

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Section 16. Other information

The full text of identified uses as mentioned in section 1

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The full text of identified uses as mentioned in section 3

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage

H412, Harmful to aquatic life with long lasting effects.

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

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www.protectcoatint.com

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