

Protectcoat AG10 Coating

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 AG10 coating

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

Graffiti protection

1.3 Emergency telephone number:

EU: call 112

Section 2. Hazards Identification

2.1 Classification of the substance or mixture

Flam. Liq. 3; H226
ASP. Tox. 1; H304
Skin Sens 1; H317
STOT SE 3; H336
See full text of H-phrases in section 2.2.

2.2 Label elements

Signal word: Danger



Hazard statements

Flammable liquid and vapour. (H226)
May be fatal if swallowed and enters airways. (H304)
May cause an allergic skin reaction. (H317)
May cause drowsiness or dizziness. (H336)

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 protective gloves/eye protection. (P280).
Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).
Storage Store locked up. (P405).
Disposal Dispose of contents/container to an approved waste disposal plant. (P501).

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Identity of the substances primarily responsible for the major health hazards

Naphtha (petroleum), hydrotreated heavy; N,N-dibutylaminomethyltriethoxysilan; Distillates (petroleum), hydrotreated light; 1,2-Ethanediamine,N-,3-,trimethoxysilyl,propyl,-

Additional labelling

Not applicable

Unique formula identifier (UFI)

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2.3 Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Additional warnings

Tactile warning. If this product is sold in retail, it must be delivered with child-resistant fastening.

VOC (volatile organic compound)

Not applicable

Section 3. Composition information on ingredients

3.2 Mixtures

NAME: Naphtha (petroleum), hydrotreated heavy

IDENTIFICATION NOS.: CAS-no: 64742-48-9 EC-no: 919-875-5 REACH-no: 01-2119463258-33 Index-no: 649-327-00-6

CONTENT: 40-60%

CLP CLASSIFICATION: Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, H226, H304, H336,

NAME: N,N-dibutylaminomethyltriethoxysilan

IDENTIFICATION NOS.: CAS-no: 35501-23-6 REACH-no: 01-2120096609-40

CONTENT: 2.5 – 5%

CLP CLASSIFICATION: Skin Sens.1B, H317

NAME: Distillates (petroleum), hydrotreated light

IDENTIFICATION NOS.: CAS-no: 64742-47-8 EC-no: 265-149-8 REACH-no: 01-2119485032-45 Index-no: 649-422-00-2

CONTENT: 2.5 – 5%

CLP CLASSIFICATION: Asp. Tox. 1 H304

NAME: 1,2-Ethanediamine,N-,3-,trimethoxysilyl,propyl,-

IDENTIFICATION NOS.: CAS-no: 1760-24-3 EC-no: 217-164-6

CONTENT: 0.25 – 1%

CLP CLASSIFICATION: Eye Dam. 1, Skin Sens. 1 H317, H318

Detergent: > 30%: ALIPHATIC HYDROCARBONS

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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

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

Burns

Rinse with water until the pain stops then continue to rinse for a further 30 minutes.

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours. Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after 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

Section 5. Firefighting measures

5.1 Extinguishing media.

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2 Special hazards arising from the substance or mixture

Nothing special.

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.

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Section 6. Accidental release information on ingredients

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances. Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

6.2 Environmental precautions

No specific requirements

6.3 Methods and materials 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. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

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

Avoid static electricity. Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools. Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2 Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

7.3 Specific end use(s)

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

Section 8. Exposure controls – personal protection

8.1 Control parameters

DNELs

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit

PNECs

no data available.

DNEL (Naphtha (petroleum), hydrotreated heavy): 300mg/kg bw/day Exposure: Dermal Duration of Exposure: Long term – Systemic effects - General population.

DNEL (Naphtha (petroleum), hydrotreated heavy): 300mg/kg bw/day Exposure: Oral Duration of Exposure: Long term – Systemic effects - General population

DNEL (Naphtha (petroleum), hydrotreated heavy): 300mg/kg bw/day Exposure: Dermal Duration of Exposure: Long term – Systemic effects - Workers

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DNEL (Naphtha (petroleum), hydrotreated heavy): 1500mg/m³ Exposure: Inhalation Duration of Exposure: Short term – Systemic effects – Workers

DNEL (Naphtha (petroleum), hydrotreated heavy): 900mg/m³ Exposure: Inhalation Duration of Exposure: Long term – Systemic effects - General population

8.2 Exposure controls

Control is unnecessary if the product is used as intended

Individual protection measures

Observe general occupational hygiene standards

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

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

Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

Recommended: Combination Filter A1B1E1K1. Class 1 (low capacity). Brown/Gray/Yellow/Green

Skin protection

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

Hand protection

Nitrile rubber Breakthrough time: > 60 minutes (Class 3)

Eye protection

No specific requirements.

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Section 9. Physical and Chemical properties

9.1 Important Health Safety and Environmental Information

Form	Liquid
Colour	Colourless
Odour	Pleasant
Odour threshold (ppm)	No data available.
pH	7
Viscosity (40°C)	No data available. mm ² /sek
Density (g/cm³)	0.98
Phase changes	
Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
Data on fire and explosion hazards	
Flash point (°C)	49
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available
Explosive properties	No data available.
Solubility	
Solubility in water	Insoluble
n-octanol/water coefficient	No data available.

9.2 Other information

Solubility in fat (g/L) No data available

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 "Handling and storage".

10.3. Possibility of hazardous Reactions

Nothing special

10.4. Conditions to avoid

Avoid static electricity.

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.

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Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Substance: Distillates (petroleum), hydrotreated light

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >2000mg/kg

Substance: Distillates (petroleum), hydrotreated light

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: >2000mg/kg

Substance: Distillates (petroleum), hydrotreated light

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000mg/kg

Substance: Distillates (petroleum), hydrotreated light

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >4950mg/m³ 4h

Substance: Naphtha (petroleum), hydrotreated heavy

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >2000mg/kg

Substance: Naphtha (petroleum), hydrotreated heavy

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000mg/kg

Substance: Naphtha (petroleum), hydrotreated heavy Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >4.95mg/L 4h

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Skin corrosion/irritation No data available.

Serious eye damage/irritation No data available.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity No data available.

Carcinogenicity No data available.

Reproductive toxicity No data available.

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure No data available.

Aspiration hazard May be fatal if swallowed and enters airways.

Long term effects Nothing special

Section 12. Ecological information

12.1 Toxicity

Substance: Distillates (petroleum), hydrotreated light

Species: Fish

Test: LC50

Duration: 24h

Result: >1000mg/l

Substance: Distillates (petroleum), hydrotreated light

Species: Algae

Test: EC50

Duration: 72h

Result: >1000mg/l

Substance: Distillates (petroleum), hydrotreated light

Species: Daphnia

Test: EC50

Duration: 48h

Result: >1000mg/l

Substance: Naphtha (petroleum), hydrotreated heavy

Species: Daphnia

Test: EC50

Duration: 48h

Result: >1000mg/l

Substance: Naphtha (petroleum), hydrotreated heavy

Species: Algae

Test: EC50

Duration: 72h

Result: >1000mg/l

Substance: Naphtha (petroleum), hydrotreated heavy

Species: Fish

Test: LC50

Duration: 96h

Result: >1000mg/l

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12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Naphtha (petroleum), hydrotrea...	Yes	Manometric Respirometry Test	80

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

12.4. Mobility in soil

Naphtha (petroleum), hydrotrea...: Log Koc= 2.4541, Calculated from LogPow (Moderate mobility potential.).

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. Other adverse effects

Nothing Special

Section 13. Disposal Considerations

13.1 Waste treatment methods

Product is covered by the regulations on hazardous waste.

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 UN number

This product is within scope of the regulations of transport of dangerous goods.

ADR/RID

14.1. UN number 1993

14.2. UN proper shipping name FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es) 3

14.4. Packing group III Notes - Tunnel restriction code -

14.5 Environmental hazards

Discharge into the environment must be avoided.

14.6 Special precautions for users

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IMDG

UN-no. 1993
Proper Shipping Name FLAMMABLE LIQUID, N.O.S.
Class 3
PG* III
EmS F-E, S-E
MP** No
Hazardous constituent –

IATA/ICAO

UN-no. 1993
Proper Shipping Name FLAMMABLE LIQUID, N.O.S.
Class 3
PG* III

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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

No data available

(*) Packing group (**) Marine pollutant

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

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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Seveso

Seveso III Part 1: P5c

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). The Control of Major Accident Hazards (COMAH) Regulations 2015.

15.2. Chemical safety assessment

No

Section 16. Other information

Full text of H-phrases as mentioned in section 3

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H336 - May cause drowsiness or dizziness. The full text of identified uses as mentioned in section 1 -

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on: The classification of the mixture in regard of physical hazards has been based on experimental data. The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) 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. 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. A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle

Additional information available from:

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