

SAFETY DATA SHEET



ENVIROGRAF®

HS083-EP/FS/P-01-2024

Product Number: 83 EP/FS/P Primer

Description:

A grey water-based primer for use on internal and external steelwork.

This product comprises of the following materials and therefore is supported by Health & Safety Data Sheets:

- (Appendix 37) EP/FS/P Primer (water based)

*The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 37
EP/FS/P PRIMER (WATER BASED)

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME	: EP/FS/P Primer
MANUFACTURER/SUPPLIER	: Envirograf
ADDRESS	: Envirograf House, Barfrestone, Dover, Kent, CT15 7JG
TELEPHONE/FAX/EMAIL	: 01304 842555 01304 842666 sales@envirograf.com
EMERGENCY PHONE NUMBER	: 01304 842555 (Monday to Friday 8.30 – 5.30)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed
Serious eye damage/eye irritation, Category 2A	H319: Causes serious eye irritation

2.2 Label Elements

Hazard pictogram



Signal Word: Warning.

VOC content : This product contains 40 g/l VOC.

Hazard statements:	H301	: Toxic if swallowed.
	H302	: Harmful if swallowed.
	H311	: Toxic in contact with skin.
	H314	: Causes severe skin burns and eye damage.
	H315	: Causes skin irritation.
	H317	: May cause an allergic reaction.
	H318	: Causes serious eye damage.
	H319	: Causes serious eye irritation.
	H330	: Fatal if inhaled.
	H400	: Very toxic to aquatic life.
	H410	: Very toxic to aquatic life with long lasting effects.
	H411	: Toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.	

Precautionary statement:	P260	: Do not breath dust/fume/gas/mist/vapour/spray.
	P261	: Avoid breathing dust/fume/gas/mist/vapour/spray.
	P264	: Wash hands thoroughly after handling.
	P270	: Do not eat, drink or smoke when using this product.
	P271	: Use only outdoors or in a well-ventilated area.
	P272	: Contaminated work clothing should not be allowed out of the workplace.
	P273	: Avoid release to the environment.
	P280	: Wear protective gloves/protective clothing/eye protection/face protection.

	P284	: Wear respiratory protection.
Response:	P301+P310	: IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.
	P301+P312	: IF SWALLOWED: call a POISON CENTRE or doctor/physician IF you feel unwell.
	P301+P330+P331	: IF SWALLOWED: Rinse mouth DO NOT induce vomiting.
	P302+P352	: IF ON SKIN: wash with plenty of soap and water.
	P303+P361+P353	: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse SKIN with water/shower.
	P304+P340	: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
	P305+P351+P338	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310	: Immediately call a POISON CENTRE or doctor/physician.
	P312	: Call a POISON CENTRE or doctor/physician if you feel unwell.
	P330	: Rinse mouth.
	P332+P313	: IF SKIN irritation occurs: Get medical advice/attention.
	P333+P313	: IF SKIN irritation or rash occurs: Get medical advice/attention.
	P337+P313	: IF eye irritation persists: Get medical advice/attention.
	P361	: Remove/Take all immediately all contaminated clothing.
	P362	: Take off contaminated clothing and wash before reuse.
	P363	: Wash contaminated clothing before reuse.
	P391	: Collect spillage. Hazardous to aquatic environment.
Storage:	P403+P233	: Store in a well-ventilated area place. Keep container tightly closed.
	P405	: Store locked up.
Disposal:	P501	: Dispose of contents/container in accordance with the local regulations.

2.3 Other hazards

No other information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION : Aqueous (emulsion) polymer, anti-corrosion, paint system.

Chemical Name	CAS No.	%	Classification
2-butoxyethanal (butyl glycol)	111-76-2	~3 %	H302, H315, H319
Sodium Benzoate	532-32-1	0.2 %	H319
Pyrithione Zinc	13463-41-7	< 0.0146 %	H301, H318, H331, H400, H410
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.0147 %	H302, H315, H317, H318, H400, H411
2-methoxyisothiazol-3(2H)-one	2682-20-4	<0.0036 %	H301, H311, H314, H317, H330, H400, H410
2-amino-2-methylpropanol	CAS 124-68-5	< 0.166 %	H315, H319, H412
1-propanol, 2-methyl-2-(methylamino)	CAS 27646-80-6	< 0.014 %	H302, H315, H318, H412

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice : Get general attention if symptoms occur.
: Show this safety data sheet to the doctor in attendance.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

- In case of skin contact : Wash off immediately with soap and plenty of water.
: Remove contaminated clothing. If irritation develops, get medical attention.
: Wash contaminated clothing before reuse.
- In case of eye contact : Rinse with plenty of water.
- If swallowed : If accidentally swallowed obtain immediate medical attention.
: DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
: Repeated or prolonged exposure may cause irritation of eyes and skin.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

- Suitable extinguishing media : Not combustible.
: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

- Unsuitable extinguishing media : No information available.

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : The pressure in sealed containers can increase under the influence of heat.

5.3 Advice for firefighters

- Special protective equipment for firefighters : Use personal protective equipment.

- Further information : The product itself does not burn.
: Prevent fire extinguishing water from contaminating surface water or the ground water system.
: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Prevent further leakage or spillage if safe to do so.
: Large spills should be collected mechanically (remove by pumping) for disposal.
: Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust).
: Pick up and transfer to properly labelled containers.

- : Clean contaminated floors and objects thoroughly while observing environmental regulations.
- : Dispose of in accordance with local regulations.

6.4 Reference to other sections

For personal protection see section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

- | | |
|-------------------------|---|
| Advice on safe handling | <ul style="list-style-type: none"> : Wear personal protection equipment. : For personal protection see section 8. : Avoid inhalation, ingestion and contact with skin and eyes. : Do not use in areas without adequate ventilation. : Smoking, eating and drinking should be prohibited in the application area. |
| Hygiene measures | <ul style="list-style-type: none"> : Wash hands before breaks and immediately after handling the product. : When using do not eat, drink or smoke. |

7.2 Conditions for safe storage, including any incompatibilities

- | | |
|---|---|
| Requirements for storage areas and containers | <ul style="list-style-type: none"> : Store in original container. : Keep in properly labelled containers. : Store in closed containers between + 5°C and + 30°C in dry conditions. : Avoid extremes of temperature. : Protect from freezing. |
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters, below limit for consideration.

8.2 Exposure controls

- | | |
|---------------------------------|---|
| Engineering measures | <ul style="list-style-type: none"> : Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours. : Ensure adequate ventilation, especially in confined areas. |
| Personal protection equipment: | |
| Eyes protection | <ul style="list-style-type: none"> : Safety glasses with side-shields conforming to EN166 |
| Hand protection | <ul style="list-style-type: none"> : Material – nitrile rubber. : Break through time – 480min. : Glove thickness – 0.1 – 0.4mm |
| Remarks | <ul style="list-style-type: none"> : Protective gloves complying with EN374. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. |
| Skin and body protection | <ul style="list-style-type: none"> : Not required under normal use. : Skin should be washed after contact. : Remove and wash contaminated clothing before re-use. |
| Respiratory protection | <ul style="list-style-type: none"> : Not required under normal use. |
| Protective measures | <ul style="list-style-type: none"> : Ensure the eye flushing systems and safety showers are located close to the working place. |
| Environmental exposure controls | <ul style="list-style-type: none"> : General advice: This product should not be allowed to enter drains, water courses or the soil. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	: Grey
Form	: Liquid
Odour	: Slight
pH as supplied	: 7.5 - 8.5
Boiling point/range	: ~ 100°C
Freezing point/range	: ~ 0°C
Flash point:	: Not applicable.
Flammability (solid, gas)	: Not applicable.
Autoignition temperature	: Not applicable.
Explosive properties	: Not applicable.
Vapour pressure	: Not applicable.
Bulk density	: 1.15 – 1.20 g/cm ³
Viscosity range	: 2 - 7 Ps
Kinematic viscosity	: Not established.
Solubility	: -
Water solubility	: Miscible.
Partition coefficient (n-octanol/water)	: Not applicable.
Other data	: -

10. STABILITY AND REACTIVITY

10.1 Stability	: Stable under normal conditions.
10.2 Materials and Conditions to avoid	: No hazardous reactions when stored and handled to prescribed instructions.
10.3 Hazardous decomposition products:	: No decomposition if stored and applied as directed. Thermal decomposition may generate oxides of carbon and phosphorus.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-butoxyethanal (butyl glycol)	-	-	-	-
Sodium benzoate	-	-	-	-
Pyrithione Zinc	-	-	-	-
1,2-benzisothiazol-3(2H)-one	-	-	-	-
2-methoxyisothiazol-3(2H)-one	-	-	-	-
2-amino-2-methylpropanol	LD50 Oral LD50 Dermal	Rat Rabbit	2900 mg/kg > 2000 mg/kg	- -
1-propanol, 2-methyl-2-(methylamino)	LD50 Oral	Rat	500 mg/kg	-

Irritation/corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-butoxyethanal (butyl glycol)	-	-	-	-	-
Sodium benzoate	-	-	-	-	-
Pyrithione Zinc	-	-	-	-	-
1,2-benzisothiazol-3(2H)-one	-	-	-	-	-
2-methoxyisothiazol-3(2H)-one	-	-	-	-	-
2-amino-2-methylpropanol	Skin - irritant Eyes - serious irritant	- -	- -	- -	- -
1-propanol, 2-methyl-2-(methylamino)	Skin - irritant	-	-	-	-

	Eyes - serious irritant	-	-	-	-
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Sensitisation

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

Mutagenicity

No known significant effects or critical hazards.

Carcinogenicity

No data available.

STOT - single exposure

No data available.

STOT - repeated exposure

No data available.

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Components:**2-butoxyethanal (butyl glycol)**

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Sodium benzoate

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Pyrrithione zinc

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

1,2-benzisothiazol-3(2H)-one

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

2-methylisothiazol-3(2H)-one

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

2-amino-2-methylpropanol

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

1-propanol, 2-methyl-2-(methylamino)

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : No data is available on the product itself.
: Information given is based on data on the components and the toxicology of similar products.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

There are no data available on the mixture itself.

Product/ingredient name	Result	Species	Exposure
2-butoxyethanal (butyl glycol)	-	-	-
Sodium benzoate	-	-	-
Pyrithione Zinc	-	-	-
1,2-benzisothiazol-3(2H)-one	-	-	-
2-methoxyisothiazol-3(2H)-one	-	-	-
2-amino-2-methylpropanol	-	-	-
1-propanol, 2-methyl-2-(methylamino)	LC50 190mg/l EC50 193 mg/l EC50 565.5 mg/l	Lepomis macrochirus (Bluegill) Daphnia magna Algae (Scenedesmus subspicatus)	96 hours 48 hours 72 hours

12.2 Persistence and degradability:

Product:

Biodegradability : Remarks: Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

Physico-chemical removability : 98%
: Method: OECD Test Guideline 302
: Remarks: This product can be eliminated from water by abiotic processes, e.g., adsorption on activated sludge.

Components:

2-butoxyethanal (butyl glycol)

Biodegradability : Remarks: No data available

Sodium benzoate

Biodegradability : Remarks: No data available

Pyrithione zinc

Biodegradability : Method: OECD Test Guideline 308
: Remarks: 0.5 d (half-life)

1,2-benzisothiazol-3(2H)-one

Biodegradability : Remarks: No data available

2-methylisothiazol-3(2H)-one

Biodegradability : Method: OECD Test Guideline 308
: Remarks: 1.28 -2.1 d (half-life)

2-amino-2-methylpropanol
Biodegradability : Remarks: No data available

1-propanol, 2-methyl-2-(methylamino)
Biodegradability : Method: OECD Test Guideline 301F
: Remarks: 89.3 % (28 days)

12.3 Bioaccumulative potential

Product:
Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Components:

2-butoxyethanal (butyl glycol)
Bioaccumulation : Remarks: No data available

Sodium benzoate
Bioaccumulation : Remarks: No data available

Pyrrithione zinc
Bioaccumulation : Method: OECD Test Guideline 107
: Remarks: 1.21 (n-octanol/water)

1,2-benzisothiazol-3(2H)-one
Bioaccumulation : Remarks: No data available

2-methylisothiazol-3(2H)-one
Bioaccumulation : Method: OECD Test Guideline 117
: Remarks: < 0.32 (n-octanol/water)

2-amino-2-methylpropanol
Bioaccumulation : Remarks: No data available

1-propanol, 2-methyl-2-(methylamino)
Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

Product:
Distribution among environmental compartments : Remarks: No data available

Components:

2-butoxyethanal (butyl glycol)
Distribution among environmental compartments : Remarks: No data available

Sodium benzoate
Distribution among environmental compartments : Remarks: No data available

Pyrrithione zinc
Distribution among environmental compartments : Remarks: No data available

1,2-benzisothiazol-3(2H)-one
Distribution among environmental compartments : Medium: Soil
: Remarks: No data available

2-methylisothiazol-3(2H)-one

Distribution among environmental compartments : Remarks: No data available

2-amino-2-methylpropanol

Distribution among environmental compartments : Remarks: No data available

1-propanol, 2-methyl-2-(methylamino)

Distribution among environmental compartments : Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Components:

2-butoxyethanal (butyl glycol)

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Sodium benzoate

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

Pyrrithione zinc

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

1,2-benzisothiazol-3(2H)-one

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

2-methylisothiazol-3(2H)-one

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

2-amino-2-methylpropanol

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

1-propanol, 2-methyl-2-(methylamino)

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

12.6 Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Components:

2-butoxyethanal (butyl glycol)

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Sodium benzoate

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Pyrithione zinc

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

1,2-benzisothiazol-3(2H)-one

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

2-methylisothiazol-3(2H)-one

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

2-amino-2-methylpropanol

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

1-propanol, 2-methyl-2-(methylamino)

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information

: This product has no known ecotoxicological effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : In accordance with local and national regulations.
 : The product should not be allowed to enter drains, watercourses or the soil.
 : Waste water from subsequent processing should be given appropriate treatment in line with local regulations.

Contaminated packaging : In accordance with local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number or ID number : Not dangerous goods

14.2 UN proper shipping name : Not dangerous goods

14.3 Transport hazard class(es) : Not dangerous goods

14.4 Packing group : Not dangerous goods

14.5 Environmental hazards : Not dangerous goods

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of ADR/RID, AND, IMDG-Code, ICAO/IATA-DGR.

14.7 Maritime transport in bulk according to IMO instruments

Remarks : Not applicable.

15. REGULATORY INFORMATION

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

REACH – Candidate List of Substances of Very High Concern for Authorisation (Article 59) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH – List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances : Not applicable

15.2 Chemical safety assessment : Not applicable.

16. OTHER INFORMATION

Indication of changes	:
Abbreviations and acronyms	:
EC	European Commission
GLP	Good Laboratory Practice
LC50	The amount of a substance suspended in the air required to kills 50% of a test animal during a predetermined observation period

LLNA NOEC OECD PBT vPvB WELs WGK SDS STOT	Local lymph node assay No observed effect concentration Organisation for Economic Co-operation and Development Persistent, Bioaccumulative and. Toxic chemicals very Persistent and very Bio-accumulative Workplace exposure limits German Water Endangerment Class Safety Data Sheet Specific target organ toxicity
Key literature references and sources for data	: Regulation (EC) No. 1272/2008. Regulation (EC) No. 1907/2006 Regulation (EC) No 1005/2009 Regulation (EC) No 850/2004 Workplace exposure limit EH40/2005 Regulation (EU) 2016/425 REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).
Tests referenced	OECD 117 - Partition Coefficient (n-octanol/water), HPLC Method OECD 201 - Freshwater Alga and Cyanobacteria, Growth Inhibition Test OECD 202 - Daphnia sp. Acute Immobilisation Test OECD 203 - Fish, Acute Toxicity Test OECD 210 - Fish, Early-life Stage Toxicity Test OECD 211 - Daphnia magna Reproduction Test OECD 215 - Fish, Juvenile Growth Test OECD 305 - Bioconcentration: Flow-through Fish Test OECD 307 - Aerobic and Anaerobic Transformation in Soil OECD 308 - Aerobic and Anaerobic Transformation in Aquatic Sediment Systems OECD 309 - Aerobic Mineralisation in Surface Water – Simulation Biodegradation Test OECD 406 - Skin Sensitisation OECD 429 - Skin Sensitisation LLNA
Relevant H-Statements (number and full text)	H301 - Toxic if swallowed H302 - Harmful if swallowed H311 - Toxic in contact with skin H314 - Causes severe skin burns and eye damage H315 - Causes skin irritation H317 - May cause an allergic reaction H318 - Causes serious eye damage H319 - Causes serious eye irritation H330 - Fatal if inhaled H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects H411 - Toxic to aquatic life with long lasting effects H412 - Harmful to aquatic life with long lasting effects

Recommended use
Further information

: Corrosion resistant primer for steel. Undercoat for intumescent and decorative paints.
: Consult technical data sheet.

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the most recent REACH Regulations. The product should not be used for purposes other than those shown without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current EU legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.