



Product Number: 83 EP/FS/P Water-Based Primer for Steel

Description:

The Primer is a water based corrosion resistant primer for steel.

For use under Envirograf® Intumescent steel paint.

This Product contains anti-corrosion additives which prevent the spread of rust on metal. It also contains flash rust inhibitors.

This Product can be stored for up to 12 months unopened in its original packaging
Store Between +5°c to + 30°c
Protect from frost

Material Specification:

The primer is a water based polymer system with corrosion inhibitors.

The physical and chemical properties of the EP/FS/P primer:

Specific Gravity:	1.36 – 1.41
Tack Free Time:	15 – 30 Minutes
Colour:	Red

Ordering references:

EP/FS/P + size required (available in 1, 2.5 and 5 litre containers)

SAFETY DATA SHEET



ENVIROGRAF®

HS083-EP/FS/P-11-2018

Product Number: 83 EP/FS/P Primer

Description:

A red 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)

Issue 3, October 2018

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

HEALTH EFFECTS:



EUH208 May produce allergic reaction.

Signal Word: Warning.

SKIN: May cause irritation.

EYES: Irritating to eyes.

INHALATION: May cause irritation.

INGESTION: Irritation of gastrointestinal tract.

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%	H332/H312/H302/H319/H315
Sodium Benzoate	532-32-1	0.2%	H319
2-methoxyisothiazol-3(2H)-one	2682-20-4	<0.006%	H301/H330/HH314/H318/H400/H411/H317
Pyrrithione Zinc	13463-41-7	<0.006%	H301/H330/H318/H400/H410
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.006%	H330/H318/H400/H411/H302/H315/H317

4. FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and wash contaminated skin with soap and water.

EYE CONTACT: Wash with water for several minutes. If irritation persists seek medical advice.

INHALATION: Remove the casualty to fresh air.

INGESTION: Rinse out mouth with water and if conscious drink plenty of water. Seek medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, carbon dioxide, powder, and water spray.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS: None known

SPECIAL EXPOSURE HAZARDS: None known

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protection equipment.

ENVIRONMENTAL PRECAUTIONS: Do not dispose of into surface water or sanitary sewer system.

METHODS FOR CLEANING UP: Scrape up excess and dispose of at an approved site.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: See section 8.

STORAGE CONDITIONS: Store in closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS: Not applicable.

ENGINEERING MEASURES: During spray painting provide adequate ventilation.

PERSONAL PROTECTION EQUIPMENT: Comply with the health and safety at work laws.

RESPIRATORY PROTECTION: Not applicable under normal conditions of use. Do not breathe spray.

HAND PROTECTION: Gloves.

EYE PROTECTION: Goggles.

SKIN AND BODY PROTECTION: Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOUR:	Red
FORM:	Red Paint
ODOUR:	Slight.
pH AS SUPPLIED:	7-8
BOILING POINT/RANGE:	Not applicable.
MELTING POINT/RANGE:	Not applicable.
FLASH POINT:	Not applicable.
FLAMMABILITY (SOLID, GAS):	Not applicable.
AUTOIGNITION TEMPERATURE:	Not applicable.
EXPLOSIVE PROPERTIES:	Not applicable.
OXIDIZING PROPERTIES:	Not applicable.
VAPOUR PRESSURE:	Not applicable.
BULK DENSITY:	1.36 – 1.42 g/cm ³
SOLUBILITY:	
WATER SOLUBILITY:	Miscible.
PARTITION COEFFICIENT: (n-octanol/water)	Not applicable.

OTHER DATA

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Avoid extremes of temperature especially frost and freezing conditions.

MATERIALS TO AVOID: None, under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition if stored and applied as directed

11. TOXICOLOGICAL INFORMATION

GENERAL: There are no recognisable toxicological hazards for human beings if it is correctly used

12. ECOLOGICAL INFORMATION

ACUTE TOXICITY FOR FISH: *Oncorhynchus mykiss* = LC(50)(96h): 0.14 – 2.6mg Zn(2+) / L

ACUTE TOXICITY FOR CRUSTACEANS: *Daphnia magna* = EC(50)(48h): 0.04 – 0.86 mg Zn(2+) / L

ACUTE TOXICITY FOR ALGAE: *Selenastrum capricornutum* = EC(50)(72h): 0.136 – 0.150 mg Zn(2+) / L

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations at approved sites.

14. TRANSPORT INFORMATION

UK ROAD/RAIL

IMDG -
ICAO -
ADR -

15. REGULATORY INFORMATION

SUPPLY CLASSIFICATION:

HAZARD SYMBOL(S):

H302, H312, H332 – Harmful if swallowed, in contact with skin or if inhaled.
H319 – Causes serious eye irritation. H315 – Causes skin irritation.
H301 – Acute tox . H330 – Acute tox 2.
H314 – Skin Corr. 1B. H318 - eye damage. H317 – Skin sensitivity.
H400 – Aquatic Acute 1. H411 – Aquatic Chronic 2.
H315 – Skin irrit.2. H317 – Skin sens.1.

16. OTHER INFORMATION

Recommended use Corrosion resistant primer for steel. Undercoat for intumescent and decorative paints.

Further information 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

APPLICATION DATA SHEET



ENVIROGRAF®

AP083- EP/FS/P-11-2018

Product Number: 83 EP/FS/P Water-Based Primer for Steel

Description:

Air-drying water-based primer for steel. Can be applied over bare, previously painted or galvanised steel after removal of loose particles and dust.

Preparation:

Steel does not require shot-blasting. Clean with wire brush. Ensure that the surface is dry, clean and free from dust. Wash with detergent water. Slightly abrade any top coat to provide a key for the primer.

Application:

Envirograf® EP/FS/P can be applied using brush, roller or spray at a rate of 8 - 10 m² per litre. Do not thin – use straight from the tin. However if applying by spray up to 10% water may be added. Drying time is approximately 30 minutes according to temperature. After one hour apply EP/FS/IN intumescent coating (see application sheet).

Clean tools and spillages with warm water. Keep containers tightly closed and protect from frost.