



**SAFETY DATA SHEET**  
**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name 136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE  
Product No. 136/Q220/Z - BASE

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses BASE FOR TWO COMPONENT FLOOR COATING  
Uses advised against NOT SUITABLE FOR FOR USE IN HOMEWORKER (DIY) APPLICATIONS

**1.3. Details of the supplier of the safety data sheet**

Supplier COO-VAR  
Lockwood Street  
Hull  
HU2 0HN  
+44 (0) 1482 328053(T)  
+44 (0) 1482 219266(F)  
info@coo-var.co.uk  
Contact Person Technical Department - 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri as above

**1.4. Emergency telephone number**

+44 (0) 1482 328053 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (EC 1272/2008)  
Physical and Chemical Hazards Not classified.  
Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317  
Environment Aquatic Chronic 2 - H411  
Classification (1999/45/EEC) Xi; R36/38. R43. N; R51/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Human health**

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

**Physical and Chemical Hazards**

When handled correctly, undamaged units represent no danger.

**2.2. Label elements**

Contains REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700)  
PHENOL FORMALDEHYDE POLYMER GLYCIDYL ETHER  
OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS

Label In Accordance With (EC) No. 1272/2008

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE**

Signal Word	Warning	
Hazard Statements	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H411	Toxic to aquatic life with long lasting effects.
Precautionary Statements	P261	Avoid breathing vapour/spray.
	P264	Wash contaminated skin thoroughly after handling.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P302+352	IF ON SKIN: Wash with plenty of soap and water.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see medical advice on this label).
Supplementary Precautionary Statements	P321	
	P501	Dispose of contents/container in accordance with national regulations.

**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700)		30-60%
CAS-No.: 25068-38-6	EC No.: 500-033-5	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R43 Xi;R36/38 N;R51/53	
PHENOL FORMALDEHYDE POLYMER GLYCIDYL ETHER		10-30%
CAS-No.: 9003-36-5	EC No.: 500-006-8	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R36/38. N;R51/53. R43.	
OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS		10-30%
CAS-No.: 68609-97-2	EC No.:	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Classification (67/548/EEC) R43 Xi;R38	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE****SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

## General information

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious.

## Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

## Ingestion

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Do not induce vomiting. Get medical attention if any discomfort continues.

## Skin contact

Remove affected person from source of contamination. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if irritation persists after washing.

## Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

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

## General information

If adverse symptoms develop as described the casualty should be transferred to hospital as soon as possible.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

## Extinguishing media

Non flammable at room temperature, but will burn. Use fire-extinguishing media appropriate for surrounding materials. Fire can be extinguished using: Water spray, fog or mist. Foam, carbon dioxide or dry powder.

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

## Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

**5.3. Advice for firefighters**

## Special Fire Fighting Procedures

Avoid breathing fire vapours. Containers close to fire should be removed or cooled with water.

## Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE****6.4. Reference to other sections**

For personal protection, see section 8.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Avoid inhalation of vapours. Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. The Manual Handling Operations Regulations may apply to the handling of containers of this product. For products sold by weight refer to the guide net weight indicated on the container. Allowance will have to be made for the immediate packaging to give an approximate gross weight.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 25°C. Protect from freezing and direct sunlight. Keep upright.

**7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**Usage Description**

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****8.2. Exposure controls****Protective equipment****Process conditions**

Use engineering controls to reduce air contamination to permissible exposure level.

**Engineering measures**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

**Respiratory equipment**

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**Hand protection**

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

**Eye protection**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**Other Protection**

Wear appropriate clothing to prevent reasonably probable skin contact.

**Hygiene measures**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**Personal protection**

Unprotected persons should be kept away from treated areas.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE**

Appearance	Liquid
Colour	Various colours
Odour	Characteristic.
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	> 35 760 mm Hg
Relative density	1.44 - 1.46 20 °C
Vapour pressure	
Not available.	
pH-Value, Conc. Solution	
Not available.	
	Viscous
Flash point (°C)	> 93 CC (Closed cup).
Auto Ignition Temperature (°C)	
Not available.	
Flammability Limit - Lower(%)	
Not available.	
Flammability Limit - Upper(%)	
Not available.	

**9.2. Other information**

Volatile Organic Compound (VOC) 131 (mixed unit) g/litre

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Hazardous Polymerisation  
Unknown.

**10.4. Conditions to avoid**

May react exphermally with amines and mercaptans, also with acids.

**10.5. Incompatible materials**

Materials To Avoid  
Strong acids. Bases, alkalis (inorganic). Amines. Mercaptans (thiols).

**10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxicological information  
No data recorded.

General information  
No specific health warnings noted.

Inhalation  
May cause irritation to the respiratory system.

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE****Ingestion**

Harmful if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

**Skin contact**

Irritating to skin. May cause sensitisation by skin contact.

**Eye contact**

Irritating to eyes.

**Health Warnings**

May cause sensitisation by skin contact. Delayed appearance of the complaints and development of hypersensitivity (difficulty breathing, coughing, asthma) are possible.

**Route of entry**

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

**Medical Considerations**

Skin disorders and allergies.

Toxicological information on ingredients.**OXIRANE, MONO [(C12-14- ALKYL)OXY]METHYL] DERIVS (CAS: 68609-97-2)**

Toxic Dose 1 - LD 50

17100 mg/kg (oral rat)

**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Toxic Dose 1 - LD 50

11400 mg/kg (oral rat)

Toxic Dose 2 - LD 50

15600 mg/kg (oral-mouse)

Acute toxicity:

Acute Toxicity (Dermal LD50)

> 20 mg/kg Rabbit

Aspiration hazard:

Inhalation

Upper respiratory irritation.

Skin contact

Irritating to skin. May cause sensitisation by skin contact.

Irritating to eyes.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

There are no data on the ecotoxicity of this product.

Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**12.1. Toxicity**

Acute Fish Toxicity

Toxicity to bacteria, algae and higher marine organisms not tested. COD: Not determined

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE**Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Acute Toxicity - Fish

LC50 96 hours 3.6 mg/l Leuciscus idus (Golden orfe)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 2.8 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 96 hours 220 mg/l Freshwater algae

**12.2. Persistence and degradability**

Degradability

No data available.

Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Degradability

The product is not readily biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Bioaccumulative potential

No data available on bioaccumulation.

**12.4. Mobility in soil**

Mobility:

The product is non-volatile.

Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Mobility:

Not determined

**12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Not Classified as PBT/vPvB by current EU criteria.

**12.6. Other adverse effects**

Not determined.

Ecological information on ingredients.**REACTION PRODUCT : BISPHENOL A-(EPICHLOROHYDRIN):EPOXY RESIN (NUMBER AVERAGE MW<=700) (CAS: 25068-38-6)**

Not determined.

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information

Do not allow to enter drains, sewers or watercourses. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product. DO NOT reuse containers containing residual product without commercial cleaning

**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE****13.1. Waste treatment methods**

## Waste Class

When this material, in its liquid state, as supplied, becomes a waste, it is categorised as a hazardous waste, with code 08 01 11\* (EPOXY BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing residues of the supplied material, are categorised as hazardous waste, with code 08 01 11\* (EPOXY BASED LIQUID WASTE). Ideally this component should be mixed with the appropriate hardener and allowed to react fully to produce a solid waste. Neutralised empty packages, are categorised as non-hazardous waste, with code 15 01 02(plastic packaging) or 15 01 04 (metal packaging)

**SECTION 14: TRANSPORT INFORMATION**

General This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

**14.1. UN number**

UN No. (ADR/RID/ADN) 3082

UN No. (IMDG) 3082

**14.2. UN proper shipping name**

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**14.3. Transport hazard class(es)**

ADR/RID/ADN Class 9

ADR/RID/ADN Class Class 9: Environmentally hazardous substance, liquid, N.O.S. contains: epoxy constituents

ADR/RID/ADN Subsidiary Risk HAZARD ID 90

IMDG Class 9

ICAO Class/Division 9

Transport Labels

**14.4. Packing group**

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

**14.6. Special precautions for user**

EMS F-A S-F

Tunnel Restriction Code (E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**



**136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

## Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

## Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

## Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

## Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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 with amendments.

## National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

## General information

This material may form part of a multi component pack, and is supplied in the correct proportions for that pack. Please check all of the product labels to ensure that the correct components and pack sizes are being used. Do not split packs.

## Training Advice

This product is supplied for professional use only. It is recommended that all users of these materials should ensure that they are properly trained in the operation, use and working practices associated with this class of products. This may be in the form of supervised experience, manufacturers training or preferably nationally accredited training courses.

## Revision Comments

Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010 Issued in accordance with REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) Regulation (EC) 1907/2006 relating to 'For Professional Use Only' products.

Issued By	Technical Dept. (P.E.)
Revision Date	28/11/2016
Revision	6
Supersedes date	09/05/2016
SDS No.	11189
Safety Data Sheet Status	Approved.
Date	Date printed _____
Signature	Initials _____

## Risk Phrases In Full

R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

## 136/Q220 - PROFLOOR PLUS F.H. (FAST HARDENING) - BASE

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.