



### SAFETY DATA SHEET

## ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW

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

#### 1.1. Product identifier

Product name ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW  
Product No. SPO/W224/65, 2, 1, 15, 766 & 776

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

Identified uses BASE FOR TWO COMPONENT FLOOR COATING

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

Supplier SPECIALIST PAINTS ONLINE  
3 KIRKBY STREET  
HULL  
HU2 0HE  
+44 (0) 1482 222421 (T)  
sales@specialistpaintsonline.co.uk  
Contact Person Sales Department - 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri as above

#### 1.4. Emergency telephone number

+44 (0) 1482 222421 - Specialist Paints Online (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 (1999/45/EEC) Xi;R36/38. R43. N;R50/53.

##### 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)  
FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH  
1-CHLORO-2,3-EPOXYPROPANE AND PHENOL  
OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

##### Labelling



Irritant



Dangerous for the environment

##### Risk Phrases

R36/38  
R43  
R50/53

Irritating to eyes and skin.  
May cause sensitisation by skin contact.  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### Safety Phrases

S24/25

Avoid contact with skin and eyes.

**ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW**

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S64	If swallowed, rinse mouth with water (only if the person is conscious).
P5	Contains epoxy constituents. See information supplied by the manufacturer.

**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	
FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL		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;R38. N;R51/53. R43.	
OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS		5-10%
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	
Silver chloride (soluble silver)		<1%
CAS-No.: 7783-90-6	EC No.: 232-033-3	
Classification (EC 1272/2008) Aquatic Acute 1 - H400	Classification (67/548/EEC) N;R50.	

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

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

## ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW

### 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.

### **6.4. Reference to other sections**

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

**ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW**

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**

Appearance	Viscous Coloured liquid.
Colour	Red.
Odour	Sweetish.
Solubility	Immiscible with water
Initial boiling point and boiling range	>150 760 mm Hg
Relative density	1.12 @ 25C
Vapour pressure	<0.1 mbar @ 20 C
Viscosity	0.90 Pas @ 25 C
Auto Ignition Temperature (°C)	>200

**ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW****9.2. Other information**

Volatile By Vol. (%) 0 %  
Volatile Organic Compound (VOC) 0 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

Will not occur

**10.4. Conditions to avoid**

Not known.

**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.

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.

**SECTION 12: ECOLOGICAL INFORMATION**

**ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW****Ecotoxicity**

There are no data on the ecotoxicity of this product. The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**12.1. Toxicity****Acute Fish Toxicity**

Very toxic to aquatic organisms. COD: Not determined

**12.2. Persistence and degradability****Degradability**

No data available.

**12.3. Bioaccumulative potential****Bioaccumulative potential**

No data available on bioaccumulation.

**12.4. Mobility in soil****Mobility:**

The product is non-volatile.

**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

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

**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 Contains Biphenol A Epoxit Resin, Class 9, PG III, MARINE POLLUTANT

Proper Shipping Name Paint

**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

IMDG Class 9

Transport Labels

**ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW****14.4. Packing group**

ADR/RID/ADN Packing group III

IMDG Packing group III

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

**14.6. Special precautions for user**

Tunnel Restriction Code (E)

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

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**

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 Revisions to Sections (2), (3), (8), (15), and (16) - re-classification of resin components.

Issued By Technical Dept. (P.E.)

**ANTI BACTERIAL PAINT BASE FOR TILE RED, BLACK, WHITE, GREEN, SAFETY RED & YELLOW**

Revision Date 25/10/2012  
Revision 1  
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SDS No. 11454  
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.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R50 Very toxic to aquatic organisms.

## 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.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.

## 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.