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# SAFETY DATA SHEET



This safety data sheet conforms to Regulation (EC) 1907/2006 as amended by Regulation (EU) 2015/830

Material:	<b>Stable Coat v1</b>	SDS reference:	P1-017
		SDS compiled:	29 <sup>th</sup> June 2015

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

- **Product identifier**

Trade Name    Protek Royal, Protek Decking Stain

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

Identified Uses                                      Concentrated aqueous pigmented wood coating to be applied by dipping or spraying. Ready to use by diluting with water. For Industrial and Professional use only.

Uses advised against                              None known

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

PROTEK PRODUCTS  
Crowne Trading Estate  
Charlton Road  
Shepton Mallet  
Somerset BA4 5QQ  
United Kingdom  
Telephone: 01749 344697  
E-mail: info@protekproducts.co.uk

- **Emergency telephone number**

01749 344697

## SECTION 2 HAZARDS IDENTIFICATION

### 2.1 Classification of substance or mixture

Unclassified (does not contain sufficient hazardous ingredients)

### 2.2 Label elements

No hazard label required

### 2.3 Other hazards

None known

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixture

The mixture contains no declarable hazardous ingredients.

## **SECTION 4 FIRST AID MEASURES**

### **4.1 Description of first aid measures**

*This product is mainly water and is not classified as hazardous in any way. Therefore the following standard advice is likely to be applicable only under unusual/extreme circumstances.*

**Inhalation:** Remove patient from exposure into fresh air, and keep at rest. Obtain medical aid if symptoms occur.

**Eye contact:** Irrigate eyes with eyewash solution or clean water, holding the eyelids apart, for at least fifteen minutes (do not let run-off water contaminate unaffected eye). Obtain immediate medical aid.

**Skin contact:** Remove contaminated clothing and wash affected area thoroughly with soap and water. Report for medical attention if irritation or a rash occurs.

**Ingestion:** Do not induce vomiting. Give patient plenty of water to drink if conscious, keep warm and at rest. If unconscious (for some reason), place/transport patient in secured side recovery position. Obtain immediate medical aid.

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

**Inhalation:** Under some circumstances inhaled mist may cause irritation of the respiratory system (eg coughing and sneezing).

**Eye contact:** May cause slight irritation (eg redness, tears).

**Skin contact:** May cause slight irritation (eg reddening of skin, itching).

**Ingestion:** May cause gastric upset if ingested in significant amounts.

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

Ingestion and eye exposure should be reported for medical attention as should any skin effects (eg rash, soreness, reddening) or respiratory effects (eg breathing difficulties, coughing, soreness). Treatment should be symptomatic and supportive.

## **SECTION 5 FIRE FIGHTING MEASURES**

### **5.1 Extinguishing media**

Product is not combustible. Use extinguishing media suitable for the combustible materials involved.

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

May produce toxic fumes and acidic fumes.

### **5.3 Advice for fire-fighters**

*This product is mainly water and is not classified as hazardous in any way. Therefore the following standard advice is likely to be applicable only under unusual/extreme circumstances.*

Wear chemical resistant protective clothing and breathing apparatus. If without risk remove packages from exposure to fire (risk of sealed packages eg drums exploding). Spray unopened drums with water to keep cool. Prevent leaking product and fire-fighting water from contaminating drains or water courses (cover drains or bund area if practicable).

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

*This product is mainly water and is not classified as hazardous in any way. Therefore the following standard advice is likely to be applicable only under unusual/extreme circumstances.*

### **6.1 Personal precautions, protective equipment and emergency procedures**

Keep people and animals away. If the accidental release is significant, consider evacuating workplace or exposed area. Wear protective clothing as specified in Section 8.

### **6.2 Environmental precautions**

Prevent spilt material or contaminated wash or fire-fighting water entering drains or watercourses – contain by portable bunding if necessary and protect drains with covers. Prevent material or clean-up waste from contaminating land. Collect up spillages without delay.

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

Contain larger spillages with barriers/bunding if possible and transfer to suitable drum for recovery, recycling or disposal as waste. Otherwise, contain/absorb spillages preferably with industrial absorbent or sand then collect up and transfer to suitable drum for disposal. Subsequently wash down affected area with detergent and water then collect up and transfer to suitable drum for disposal. For safe disposal of material, contaminated absorbent or wash water see Section 13. Prevent chemical or contaminated wash water from entering drains or watercourses.

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

See also Sections 8 and 13.

## **SECTION 7 HANDLING AND STORAGE**

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

Where formation of mist is likely ensure adequate ventilation. Handle in ways that minimise splashing.

Avoid spillages especially in the presence of drains and watercourses. Avoid damaging packages. See Section 8 for occupational hygiene and exposure prevention measures.

Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used.

### **7.2 Consideration for safe storage, including any incompatibilities**

Material is a stable non-combustible inorganic liquid. Store in a designated room or other suitable area at ambient temperatures (to preserve quality product store between 4°C and 30°C). Inspect packages regularly for leakers or damage. Preferably store in original packages, otherwise stainless steel, suitably lined mild steel or approved plastic packages may be used.

### **7.3 Specific end uses**

See exposure scenarios where attached to this safety data sheet

## **SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION**

*This product is mainly water and is not classified as hazardous in any way. Therefore the following standard advice is likely to be applicable only under unusual/extreme circumstances.*

### **8.1 Control parameters**

Workplace exposure limits (HSE EH40): None (product is mainly water)

DNEL (derived no effect level): No data

PNEC (predicted no effect concentration): No data

## 8.2 Exposure controls

**General:** Check workplace instructions/procedures and risk assessments for any exposure control and person protective equipment requirements (eg COSHH assessments in the UK). Exposure control measures and personal protective equipment specified in these risk assessments should take precedence over the more general recommendations below because they take into account highly variable factors specific to the workplace and activity concerned which cannot be anticipated in a safety data sheet. Otherwise:

**Engineering controls:** If significant exposure to liquid or mist is likely it should be minimised by the use of appropriate containment, engineering control and ventilation measures. Where ventilation is used, adequate local exhaust ventilation is preferred where appropriate for some operations as it removes mist at source and minimises dispersal into the workplace.

**Respiratory protection:** Under most usage circumstances will not be required. If significant exposure to liquid or mist is likely and depending upon workplace/incident circumstances use filtering **respirator with filter cartridge Type P2 (Particulates)** to EN149. In extreme cases or when other inhalationally hazardous substances are present, breathing apparatus may be required (seek professional advice). See additional general note on respiratory protective equipment in Section 16.

**Eye protection:** Wear safety glasses with side pieces or safety goggles to EN166 or 29 CFR 1910.133.

**Skin protection:** Wear chemical resistant protective gloves (eg rubber, neoprene, butyl, PVC or nitrile) to EN374. Do not wear heavily contaminated or damaged gloves, and decontaminate before removal. Check condition regularly, especially for abrasion damage. Wear standard workplace protective clothing (eg laboratory coat, washable or disposable overalls, protective footwear).

**Environmental:** Measures based on adequate handling practices and facilities, containment and filtered extraction intended to minimise exposure to the material should also minimise release of it to the environment. See also Section 6.2.

**General hygiene:** Remove overalls and personal protective equipment before eating, drinking or smoking and before entering office, eating or other 'clean' areas. Wash hands immediately after any contact with chemical. Contaminated clothing and personal protective equipment should be cleaned before removal where practicable and before re-use; if not possible it should be disposed of as chemical waste (see Section 13).

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance		Brown, red, orange, yellow, green, blue, purple, white or grey mobile liquid
Odour		Faint indeterminate odour
pH		8
Melting/freezing point	(°C)	No data (but probably close to that of water)
Initial boiling point	(°C)	No data (but probably close to that of water)
Boiling range	(°C)	No data
Evaporation rate		No data (but probably close to that of water)
Relative density	g/ml	No data (although >1)
Vapour density	Air = 1	As for water vapour
Vapour pressure	Pa	No data (but probably close to that of water)
Viscosity	Cp/s	No data

Autoignition temperature	(°C)	None (non-combustible)
Decomposition temperature	(°C)	Not applicable (will boil first)
Flash point	(°C)	Not applicable (water based)
Flammability (solid, gas)		Not applicable
Flammability limits in air	%	Not applicable (vapour released is water)
Explosivity limits in air	%	Not applicable (vapour released is water)
Explosive potential		None
Oxidising potential		None
Solubility in water	g/ml	Completely miscible
Solubility in other	g/ml	No data
Log water/octanol partition coefficient		Not applicable (mixture)

## 9.2 Other information

None.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

Reacts with water-sensitive substances

### 10.2 Chemical stability

Stable (as for water)

### 10.3 Possibility of hazardous reactions

Reacts with water-sensitive substances

### 10.4 Conditions to avoid

To maintain product quality, keep the temperature in the range 4°C to 30°C. Do not allow the contents to freeze.

### 10.5 Incompatible materials

Likely to react dangerously with water-sensitive substances

### 10.6 Hazardous decomposition products

None expected in a use, storage or spillage situation (see Section 5 for fire-related hazards).

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Health effects classification(s)

<b>CLP Regulation</b>	Unclassified
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#### Acute toxicity

No data, but ATE calculated to be:

Protek Royal: oral 1,680,000; inhalation 498  
Protek Decking Stain: oral 560,000; inhalation 560

**Specific target organ effects (single and repeated exposure)**

No data, but does not contain any STOT ingredients in classifiable concentrations

**CMR (carcinogenicity, mutagenicity, reproductive toxicity)**

None of the ingredients are known to be carcinogenic, mutagenic or toxic for reproduction

**Corrosivity and irritancy**

No data, but does not contain any corrosive or irritant ingredients in classifiable concentrations

**Sensitisation**

Product contains three sensitisers but none of these is present in a classifiable/declarable concentration

**Aspiration hazard**

Not relevant

**Other toxicological information**

No data

**SECTION 12 ECOLOGICAL INFORMATION****12.1 Toxicity****Acute aquatic toxicity**

No data, but does not contain any hazardous for the aquatic environment ingredients in classifiable concentrations

**Terrestrial toxicity (non-mammalian)**

No data

**12.2 Persistence and degradability**

No data but not relevant (does not contain any hazardous for the aquatic environment ingredients in classifiable concentrations)

**12.3 Bioaccumulation potential**

No data but not relevant (does not contain any hazardous for the aquatic environment ingredients in classifiable concentrations)

**12.4 Mobility in soil**

No data

**12.5 Results of PBT and vPvB assessment**

Does not contain any PBT or vPvB ingredients (according to suppliers)

**12.6 Other adverse effects**

No data

## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Handling:** See Sections 7 and 8 for safe handling advice.

**Material:** Re-use uncontaminated material if possible, otherwise dispose of at a licensed waste disposal site capable of accepting chemical waste in compliance with local regulations. Do not allow material to contaminate ground, watercourses, sewers or drains.

**Packaging:** Contaminated packaging may be recycled by draining thoroughly, rinsing with plenty of water then checking condition; alternatively it may be disposed of at an approved landfill site in compliance with local regulations. Uncontaminated packaging should normally be reused.

**Regulations:** Some or all of the following legislation may be applicable: (UK) Environmental Protection Act 1990, Part II; Environmental Protection (Duty of Care) Regulations 1991; The Waste Management Licensing Regulations 1994 (as amended); Hazardous Waste Regulations 2005 (Replacing Special Waste Regulations 1996 as amended). (EU) Landfill Directive; Regulation on Substances That Deplete the Ozone Layer 1994 (EEC/3093/94).

## SECTION 14 TRANSPORT INFORMATION

14.1	UN number	Not dangerous for transport
14.2	UN proper shipping name	Not dangerous for transport
14.3	Transport hazard class(es)	Not dangerous for transport
14.4	Packing group	Not dangerous for transport
14.5	Environmental hazards	Not dangerous for transport
14.6	Special precautions for user	Not dangerous for transport
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not dangerous for transport

## SECTION 15 REGULATORY INFORMATION

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

None known

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on this product.

## SECTION 16 OTHER INFORMATION

### Abbreviations possibly used in this SDS:

CLP:	Classification, Labelling and Packaging of Substances and Mixtures Regulation (European Regulation (EC) No 1272/2008)
CMR:	Carcinogen, mutagen, toxic for reproduction
LD50:	Lethal dose to 50% of test population
LC50:	Lethal concentration to 50% of test population
L(E)C50:	LD50 and/or LC50
LL50:	Lethal loading to 50% of test population
NOEC:	No observed effect concentration
NOELR:	No observed effect loading rate



REACH: Regulation (The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (REACH) ((EC) 1907/2006)  
UN: United Nations Model Regulations on the Transport of Dangerous Goods

**Sources of data used/checked for this SDS:**

Supplier (safety data sheet and other information)  
CLP Regulation Annex VI  
ECHA list of registered substances  
Various internet sources

**Text of H-statements and P-statements shown in this SDS:**

None shown

**Additional information on respiratory protective equipment referred to in Section 8:**

In an emergency or where the concentration of mist is unknown but could be high use clean air supplied breathing apparatus. Do not use a filtering respirator in: atmospheres containing <19.5% oxygen; poorly ventilated areas; confined spaces; when concentration of vapour is unknown, is 'immediately dangerous to life or health' or is above any workplace exposure limit; for fire-fighting. **Respirator** types – valve filtering half mask EN405, half mask EN140, full face mask EN136, powered (hood or helmet) EN146 and EN12941 or powered (full face mask) EN147; **breathing apparatus** types – fresh air hose EN138/269, light duty compressed airline (mask) EN12419, light duty compressed airline (hoods, helmets, visors) EN1835, constant flow compressed (hood, mask) EN270/271 and EN139, demand flow compressed airline (mask) EN139 or self-contained (SCBA) EN137. The type and effectiveness of the respiratory protective equipment to be selected cannot be prescribed in a safety data sheet as they depend upon highly variable factors (eg concentration of vapour at the workplace/incident) and circumstances (eg quantity, type of work/incident, location) – consult in-house specialist, workplace procedure or in-house risk assessment.

**Changes made in this SDS:**

None (original version)

This product should be stored, handled and used in accordance with good industrial hygiene practice and in conformity with any legal requirements. The information contained herein is accurate to the best of our knowledge and belief and is intended to describe our products from the point of view of health and safety requirements. It is not therefore to be construed as guaranteeing specific properties.

The information given above is believed to be accurate but is based on information supplied to Protek Products and all liability on the part of Protek Products in respect of loss (including consequential loss or loss of profit), damage, injury, or expense (including liability to third parties) arising from any error or omission in such information or from any use of this product (whether such use is in accordance with such information or otherwise) is excluded except liability for death or personal injury resulting from negligence or arising under the sales contract for this product or legislation implementing EC Council Directive 85/374/EEC