



SAFETY DATA SHEET
POLYSHIELD PRIMER

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Compilation date: 02/02/2015

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: POLYSHIELD PRIMER

Product code: PO-PRIMER

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Britannia Paints Ltd

Units 7-8

King Street Trading Estate

Middlewich

Cheshire

CW10 9LF

United Kingdom

Tel: 01606 834015

Fax: 01606 837006

Email: sales@britanniapaints.co.uk

1.4. Emergency telephone number

Emergency tel: 01606 834015

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; Xi: R37; N: R51/53; -: R66; -: R67

Classification under CLP: STOT SE 3: H336; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; STOT SE 3: H335

Most important adverse effects: Flammable. Irritating to respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Label elements under CLP:

Hazard statements: H226: Flammable liquid and vapour.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Signal words: Warning

[cont...]

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Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



Precautionary statements: P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTRE or doctor if you feel unwell.

P370+378: In case of fire: Use carbon dioxide for extinction.

Label elements under CHIP:

Hazard symbols: Dangerous for the environment.

Irritant.



Risk phrases: R10: Flammable.

R37: Irritating to respiratory system.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCARBONS, C9, AROMATICS

EINECS	CAS	CHIP Classification	CLP Classification	Percent
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-	918-688-5	Xi: R37; N: R51/53; Xn: R65; -: R66; -: R67; -: R10	Flam. Liq. 3: H226; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; STOT SE 3: H336; STOT SE 3: H335	30-50%
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WHITE SPIRITS - REACH registered number(s): 01-2119458049-33-XXXX

-	-	-: R10; Xn: R65; N: R51/53; -: R67; -: R66	Flam. Liq. 3: H226; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; STOT SE 3: H336	10-30%
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MESITYLENE

203-604-4	108-67-8	-: R10; Xi: R37; N: R51/53	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%
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CUMENE

202-704-5	98-82-8	-: R10; Xi: R37; N: R51/53; Xn: R65	Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; Aquatic Chronic 2: H411	<1%
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DUOMEEN TDO

-	61791-53-5	C: R34; N: R50	Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%
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QUATERNARY AMMONIUM COMPOUNDS, C14-18

-	68390-98-7	Xn: R22; Xi: R38; Xi: R41; N: R50	Aquatic Acute 1: H400; Eye Dam. 1: H318; Acute Tox. 4: H302; Skin Irrit. 2: H315	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Seek medical attention if irritation or symptoms persist. Do not induce vomiting.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: No data available.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

Delayed / immediate effects: No data available.

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

Section 5: Fire-fighting measures

[cont...]

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5.1. Extinguishing media

Extinguishing media: Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear suitable Personal Protective Equipment. Ensure adequate ventilation of working area. Eliminate all sources of ignition. Evacuate personnel to a safe area.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with inert, absorbant material. Sweep up. Transfer to suitable, labelled waste container for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Keep away from sources of ignition - No Smoking. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in correctly labelled containers. Store in cool, well ventilated area. Keep away from direct sunlight. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[cont...]

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Hazardous ingredients:

MESITYLENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25 ppm	-	-	-

CUMENE

UK	125 mg/m3	250 mg/m3	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Wear suitable respiration equipment when necessary

Hand protection: Protective gloves. Nitrile gloves.

Eye protection: Safety glasses. Safety goggles.

Skin protection: Protective clothing.

Environmental: An environmental assessment must be made to ensure compliance with local environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Light Grey

Odour: Characteristic odour

Viscosity: Non-viscous

Boiling point/range°C: 145-181

Flash point°C: >38

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

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10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROCARBONS, C9, AROMATICS

DERMAL	-	LD50	>3160	mg/kg
ORAL	RAT	LD50	3492	mg/kg

MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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CUMENE

ORL	MUS	LD50	12750	mg/kg
ORL	RAT	LD50	1400	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: No data available.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

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12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of in compliance with all local and national regulations.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of in compliance with all local and national regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Tunnel code: D/E

Transport category: 3

[cont...]

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Section 15: Regulatory information

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

Specific regulations: The Chemicals (Hazard Information and Packaging) Regulations applied in the UK.
The COSHH Regulations applied in the UK.
The Health and Safety at Work Act applied in the UK

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

R10: Flammable.

R22: Harmful if swallowed.

R34: Causes burns.

R37: Irritating to respiratory system.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R50: Very toxic to aquatic organisms.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legend to abbreviations: PNEC = predicted no effect concentration

[cont...]

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DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

INH = inhalation

PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.