

Safety Data Sheet

According to Regulation (EU) 2015/830

PRIMCOAT PU

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

1.1 Product identifier

Trade name: PRIMCOAT PU

1.2 Relevant identified uses of the substance or mixture and uses advised against See Section 16

Application of the substance / the mixture Coating

1.3 Details of the supplier of the safety data sheet

Supplier:

Axter Ltd, Harbour Landing, Fox's Marina,
The Strand, Wherstead, Ipswich IP2 8NJ
Tel: +44 (0) 1473 724056
Email: info@axterltd.co.uk
Website: www.axter.co.uk

1.4 Emergency telephone:

Axter Ltd - +44 (0) 1473 724056
(this line is open from 8.00 am to 5.30 pm, Monday to Friday).
In the event of a medical enquiry involving this product, members of the public should contact:
NHS 111
a doctor or
a local hospital accident and emergency department.
The NPIS (National Poisons Information Service) helpline is available for enquiries from medical professionals only.
Tel: 0344 892 0111

Section 2: Hazards identification

2.1 Classification of the substance or mixture

In accordance with Regulation (EC) No 1272/2008:

Eye Irrit. 2	Causes serious eye irritation.
Flam. Liq. 2	Highly flammable liquid and vapour.
STOT SE 3	May cause drowsiness or dizziness.

2.2 Label elements

Labelling in accordance with Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



Signal word

Danger

Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378	In case of fire: Use anti-alcohol foam, chemical or dry powder, carbonic anhydride for extinction.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
Contains	propan-2-ol, isopropyl alcohol, isopropanol

2.3 Other hazards

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifies	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specific Concentration Limit
Index No: 603-117-00-0 CAS No: 67-63-0 EC No: 200-661-7 Registration No: 01-2119457558-25-XXXX	propan-2-ol, isopropyl alcohol, isopropanol	20 - 100%	Eye Irrit. 2, H319 - Flam. Liq. 3, H226 - STOT SE 3, H336	-

(*)The complete text of the H phrases is given in section 16 of this Safety Data Sheet.)

Section 4: First aid measures

4.1 Description of first aid measures

General information

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

Skin contact

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

4.3 Indication of any immediate medical attention and special treatment need

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

Section 5: Firefighting measures

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

5.1 Extinguishing media

Suitable extinguishing media: Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media: Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

During a fire and depending on its magnitude the following may occur:

- Flammable vapors or gases.

5.3 Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Follow the instructions given in the emergency or fire evacuation plan or plans if available.

Fire protection equipment

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use antistatic footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities:

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25°C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

Classification and threshold amount of storage in accordance with Annex I to Directive 2012/18/EU (SEVESO III):

Code	Description	Qualifying quantity (tonnes) for the application	
		Lower tier requirements	Upper tier requirements
P5b	FLAMMABLE LIQUIDS	50	200

7.3 Specific end use(s) Not available

Section 8: Exposure controls/personal protection

8.1 Control parameters

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
propan-2-ol, isopropyl alcohol, isopropanol CAS No: 67-63-0 EC No: 200-661-7	DNEL (Workers)	Inhalation, Chronic, Systemic effects	500 (mg/m ³)
	DNEL (Consumers)	Inhalation, Chronic, Systemic effects	89 (mg/m ³)
	DNEL (Workers)	Dermal, Chronic, Systemic effects	888 (mg/kg bw/day)
	DNEL (Consumers)	Dermal, Chronic, Systemic effects	319 (mg/kg bw/day)
	DNEL (Consumers)	Oral, Chronic, Systemic effects	26 (mg/kg bw/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:



Name	Details	Value
propan-2-ol, isopropyl alcohol, isopropanol CAS No: 67-63-0 EC No: 200-661-7	Aqua (freshwater)	140,9 (mg/L)
	Aqua (marine water)	140,9 (mg/L)
	Aqua (intermittent releases)	140,9 (mg/L)
	Sediment (freshwater)	552 (mg/kg sediment dw)
	Sediment (marine water)	552 (mg/kg sediment dw)
	Soil	28 (mg/kg soil dw)
	STP	2251 (mg/L)
	oral (Hazard for predators)	160 (mg/kg food)




PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration	100%	
Uses	Additive	
Breathing Protection		
PPE: Characteristics: CEN standards: Maintenance: Observations: Filter Type needed:	Filter mask for protection against gases and particles. «CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight. EN 136, EN 140, EN 405 Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor. Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer. A2	
Hand Protection		
PPE: Characteristics: CEN standards: Maintenance: Observations:	Protective gloves against chemicals. «CE» marking, category III. EN 374-1, EN 374-2, EN 374-3, EN 420 Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives. Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.	
Material: PVC (polyvinyl chloride)	Breakthrough time (min.): > 480	Material thickness (mm): 0.35

Eye Protection		
PPE: Characteristics: CEN standards: Maintenance: Observations:	Face shield. «CE» marking, category II. Face and eye protector against splashing liquid. EN 165, EN 166, EN 167, EN 168 Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly. Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.	
Skin Protection		
PPE: Characteristics: CEN standards: Maintenance: Observations:	Anti-static protective clothing. «CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements. EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5 In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer. The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.	
PPE: Characteristics: CEN standards: Maintenance: Observations:	Anti-static safety footwear. «CE» marking, category II. EN ISO 13287, EN ISO 20344, EN ISO 20346 The footwear should be checked regularly The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.	

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information:

Appearance

Liquid

Colour:

Colourless

Odour:

Alcohol

Odour threshold:

Not applicable/Not available due to the nature/properties of the product

Melting point:

Not applicable/Not available due to the nature/properties of the product

Freezing point:

Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range:

82°C

Flammability (solid, gas):

Very flammable

Lower:

2%

Upper:

Not applicable/Not available due to the nature/properties of the product

Flash point:

12°C

Auto-ignition temperature:

Not applicable/Not available due to the nature/properties of the product

Decomposition temperature:

Not applicable/Not available due to the nature/properties of the product

pH:

n.d

Kinematic viscosity:

2.65

Solubility:	Water and some organic solvents
Hydrosolubility:	Soluble
Liposolubility:	Not applicable/Not available due to the nature/properties of the product
Partition coefficient n-octanol/water (log value):	0.05
Vapour pressure:	4.3kPa a 20°C
Absolute density:	Not applicable/Not available due to the nature/properties of the product
Relative density:	0.78
Relative vapour density:	>1 (air=1)
Particle characteristics :	Not applicable/Not available due to the nature/properties of the product

9.2 Other information

Information with regard to physical hazard classes

Explosives:	Explosive properties: vapours may form explosive mixtures
Flammable liquids:	Sustained combustibility: Yes.

Other safety characteristics

Viscosity:	3 mPa.s
Blink:	425

Section 10: Stability and reactivity

10.1 Reactivity	The product does not present hazards by their reactivity.
10.2 Chemical stability	Stable under the recommended handling and storage conditions (see section 7).
10.3 Possibility of hazardous reactions	The product does not present possibility of hazardous reactions
10.4 Conditions to avoid	Avoid any improper handling.
10.5 Incompatible materials	Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions..
10.6 Hazardous decomposition products:	No decomposition if used for the intended uses.

Section 11: Toxicological information

Irritating mixture	Splashes in the eyes can cause irritation. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.
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11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008

There are no tested data available on the product. Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation; Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

d) respiratory or skin sensitisation; Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure; Product classified:

Specific target organ toxicity following a single exposure, Category 3: May cause drowsiness or dizziness.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

**11.2 Information on other hazards
Endocrine disrupting properties**

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

Section 12: Ecological information

12.1 Toxicity

No information is available regarding the ecotoxicity of the substances present.

12.2 Persistence and degradability

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
propan-2-ol, isopropyl alcohol, isopropanol	0.05	-	-	Very low
CAS No: 67-63-0 EC No: 200-661-7				

12.4 Mobility in soil

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

No information is available about other adverse effects for the environment.

Section 13: Disposal considerations

13.1 Waste treatment methods

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008.98.EC regarding waste management.

Section 14: Transport information

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.


Land: Transport by road: ADR, Transport by rail: RID. Transport documentation: Consignment note and written instructions.

Sea: Transport by ship: IMDG. Transport documentation: Bill of lading

Air: Transport by plane: ICAO/IATA. Transport document: Airway bill.

14.1 UN-Number or ID number

UN1993

14.2	UN proper shipping name		
	ADR/RID		UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS PROPAN-2-OL ISOPROPYL ALCOHOL ISOPROPANOL), 3, PG II, (D/E)
	IMDG		UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS PROPAN-2-OL ISOPROPYL ALCOHOL ISOPROPANOL), 3, PG II (12°C)
	IAGO, IATA		UN 1993, FLAMMABLE LIQUID, N.O.S. (CONTAINS PROPAN-2-OL ISOPROPYL ALCOHOL ISOPROPANOL), 3, PG II
14.3	Transport hazard class(es)		
	Class(es)		3
14.4	Packing group		II
14.5	Environmental hazards:		
	Marine pollutant		No
			Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-E
14.6	Special precautions for user		.
	Labels		3
			
	Hazard No.		33
	Provisions concerning carriage in bulk ADR:		Not authorized carriage in bulk in accordance with ADR. Proceed in with point 6.
	ADR LQ		1L
	IMDG LQ		1L
	ICAO LQ		1L
14.7	Maritime transport in bulk according to IMO instruments		
			The product is not transported in bulk.

Section 15: Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
		The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.
	Volatile organic compound (VOC)	Product Subcategory (Directive 2004/42/EC): C - Primer (Surfacer/ filler and general -metal- primer) Phase I* (from 01/01/2007): 540g/l Phase II* (from 01/01/2010): 540g/l (* g/l ready to use
		VOC Content (p/p): 99% VOC Content: 860g/l

The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: Other information

Classification codes:

Eye Irrit. 2 : Eye irritation, Category 2 Flam. Liq. 2 : Flammable liquid, Category 2

STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR/RID:	Agreement concerning the International Carriage of Dangerous Goods by Road.
BCF:	Bioconcentration factor.
CEN:	European Committee for Standardization.
DMEL:	Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL:	Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50:	Half maximal effective concentration.
PPE:	Personal protection equipment.
IATA:	International Air Transport Association.
ICAO:	International Civil Aviation Organization.
IMDG:	International Maritime Code for Dangerous Goods.
LC50:	Lethal concentration, 50%.
LD50:	Lethal dose, 50%.
NOEC:	No observed effect concentration.
PNEC:	Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.
RID:	Regulations Concerning the International Transport of Dangerous Goods by Rail.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information provided in this document is accurate to the best of our knowledge. The document does not constitute a specification and Axter takes no responsibility for the suitability of the product in a particular use. It is the user's responsibility to ensure that the product is suitable for the intended application and use and to take the necessary precautions to ensure that during handling, storage and installation of the product, all regulations to guarantee safety of people and the environment are observed. For further information or technical design assistance, contact Axter Ltd.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.

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