



HB42® PS2

Water-Based Primer sealer

25/01/2019 - Vs.1

## SAFETY DATA SHEET

### HB42 PS2 Water-Based Primer Sealer

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

##### 1.1 Product identifier

Product Name: Advanced Technologies Universal Primer

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against Identified Use(s)

PC9a Coatings and paints, thinners, paint removers Uses Advised Against Not known.

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

Company name: Hilton Banks Limited, Oldfield Road, Hampton, Middlesex,  
TW12 2HR, United Kingdom

Telephone: +44 (0)20 8979 8284

Fax: +44 (0)20 8979 8294

E-mail: [enquiries@hb42.co.uk](mailto:enquiries@hb42.co.uk)

##### 1.4 Emergency telephone number

Emergency Phone No. +44 (0)20 8979 8284

#### Section 2: Hazards identification

##### 2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK

SI 2020/1567 Aquatic Chronic 3: Harmful to aquatic life with long lasting effects.

##### 2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Product Name Advanced Technologies Universal Primer

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) H412:

Harmful to aquatic life with long lasting effects.

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH208: Contains:(1,2-benzisothiazol-3(2H)-one 1,2 benzisothiazolin- 3-one, reaction mass of: 5-



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chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5- chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4- isothiazolin-3-one [EC no. 220-239-6] (3:1)) May produce an allergic reaction.

Precautionary Statement(s) None.

### 2.3 other hazards

None known.

### 2.4 additional information

For full text of H/P Statements see section 16

## Section 3: Composition/information on ingredients

### 3.1 substances

Not applicable

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
titanium dioxide	13463-67-7	236-675-5	15 - 25%	Not classified	None
bronopol (INN) 2-bromo-2-nitropropane-1,3-diol	52-51-7	200-143-0	0.01- 0.1	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
diuron (ISO) 3-(3,4-dichlorophenyl)-1,1-dimethylurea	330-54-1	206-354-4	0.01 - 0.02	Acute Tox. 4 H302 Carc. 2 H351 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09
1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	0.01- 0.1	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	55965-84-9		0.0001 - 0.001	Acute Tox. 3 H301 Acute Tox. 2 H310 Skin Corr. 1C H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09



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## Section 4: First aid measures

### 4.1 Description of first aid measures

Inhalation	Treat symptomatically.
Skin contact	Treat symptomatically.
Eye contact	Treat symptomatically.
Ingestion	Treat symptomatically.

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

None anticipated, treat symptomatically.

### 4.3 indication of any immediate medical attention and special treatment needed.

Unlikely to be required but, if necessary, treat symptomatically.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

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

Heating may cause decomposition.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.



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## Section 6: Accidental release measures

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body

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

Absorb spillages onto sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

### 6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient. Storage life Stable under normal conditions.

Incompatible materials None known.

### 7.3 Specific end use(s)



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## Section 8: exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Diuron (ISO)	330-54-1		10			
Titanium dioxide total inhalable	13463-67-7		10			
Titanium dioxide respirable	13463-67-7		4			

### 8.2 Exposure controls

#### 8.2.1. Appropriate engineering

Ensure adequate ventilation controls.

#### 8.2.2. Personal protection equipment



Eye protection

Wear eye protection with side protection



Skin protection

Not normally required.



Respiratory protection

Normally no respiratory protection is needed.



Thermal hazards

None known.

#### 8.2.3. Environmental Exposure Controls

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.



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## Section 9: physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid.
	Colour: coloured
Odour	Characteristic odour
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	°C
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapor pressure	Not known.
Vapor density	Not known.
Density (g/ml) Relative density	Not known.
Solubility(ies)	Solubility (Water) : Completely soluble in water.
Solubility (Other):	Not known.
Partition coefficient: noctanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.



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## Section 10: stability and reactivity

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid.

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## Section 11: toxicological information

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion

Calculation method: Not classified.

Calculation method: Calculated acute toxicity estimate (ATE) Calc ATE – 595592.62000

Acute toxicity - Skin Contact

Calculation method: Not classified.

Calculation method: Calculated acute toxicity estimate (ATE) Calc ATE – 1000000.00000

Acute toxicity - Inhalation

Calculation method: Not classified.

Calculation method: Calculated acute toxicity estimate (ATE) Calc ATE – 33557.05000

Skin corrosion/irritation

Calculation method: Not classified.

Serious eye damage/irritation

Calculation method: Not classified.

Skin sensitization data

Calculation method: Not classified.

Respiratory sensitization data

Calculation method: Not classified.

Germ cell mutagenicity

Calculation method: Not classified.

Carcinogenicity

Calculation method: Not classified.

Reproductive toxicity

Calculation method: Not classified.

Lactation

Calculation method: Not classified.

STOT - single exposure

Calculation method: Not classified.



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STOT - repeated exposure.

Calculation method: Not classified.

Aspiration hazard

Calculation method: Not classified.

### 11.2 Other information

Not known.

## Section 12: ecological information

### 12.1 toxicity

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

#### Toxicity - Aquatic invertebrates

Not known.

#### Toxicity - Fish

Not known.

#### Toxicity - Algae

Not known.

#### Toxicity - Sediment

#### Compartment

Not classified.

#### Toxicity - Terrestrial

#### Compartment

Not classified.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Other adverse effects

Not known

## Section 13: Disposable considerations

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.





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## Section 14: Transport information

**Not classified as hazardous for transport.**

### 14.1 UN number

Not applicable

### 14.2 UN proper shipping name

Not applicable

### 14.3 Transport hazard class(es)

Not applicable

### 14.4 Packing group

Not applicable

### 14.5 Environmental hazards

Not classified as a Marine Pollutant.

### 14.6 Special precautions for user

Not known

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

## Section 15: Regulatory information

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

#### United Kingdom Regulations - Authorisations and/or Restrictions on Use

UK REACH Candidate List of Substances of Very High Concern for Authorisation

Not listed

UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation

Not listed

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

bronopol (INN) 2-bromo-2-nitropropane-1,3-diol (52-51-7), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1) reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) (55965-84-9), diuron (ISO) 3-(3,4-dichlorophenyl)-1,1-dimethylurea (330-54-1), 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one (2634-33-5)

UK REACH Rolling Action Plan (RAP)

Not listed

The Persistent Organic Pollutants Regulations 2007 (SI

Not listed

2007/3106) as amended

Not listed

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit)

Regulations 2019 (SI 2019/583)



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The Prior Informed Consent (PIC) Not listed  
Regulations concerning the  
export and import of hazardous.  
chemicals SI2008/2108 as  
amended

## European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan      Diuron (330-54-1), titanium dioxide (13463-67-7)  
(CoRAP)

## 15.2 Chemical Safety Assessment

United Kingdom      A REACH chemical safety assessment has not been conducted.

## Section 16: other information

### LEGEND

Hazard Pictogram(s)	None. GHS05: GHS: Corrosion GHS06: GHS: Skull and crossbones GHS07: GHS: Exclamation mark GHS08: GHS: Health hazard GHS09: GHS: Environment
Hazard classification	Acute Tox. 3 : Acute toxicity, Category 3 Acute Tox. 4 : Acute toxicity, Category 4 Acute Tox. 2 : Acute toxicity, Category 2 Acute Tox. 4 : Acute toxicity, Category 4 Skin Corr. 1C : Skin corrosion/irritation, Category 1C Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Skin Sens. 1 : Skin sensitization, Category 1 Skin Sens. 1A : Skin sensitization, Category 1A Eye Dam. 1 : Serious eye damage/irritation, Category 1 Acute Tox. 2 : Acute toxicity, Category 2 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3 Carc. 2 : Carcinogenicity, Category 2 STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3



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### Hazard Statement(s)

H301: Toxic if swallowed.  
H302: Harmful if swallowed.  
H310: Fatal in contact with skin.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H330: Fatal if inhaled.  
H335: May cause respiratory irritation.  
H351: Suspected of causing cancer.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.  
EUH211: Warning! Hazardous respirable droplets may be formed when sprayed.  
Do not breathe spray or mist.

### Precautionary Statement(s)

P273: Avoid release to the environment.  
P501: Dispose of contents in accordance with local, state or national legislation.

### Acronyms

ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative



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The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to assess the suitability of the product on a test area before application.

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