



## SAFETY DATA SHEET

### VERSATHANE SPRAY GRADE BASE

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

##### 1.1 Product identifier

|                        |                             |
|------------------------|-----------------------------|
| Product Name           | VERSATHANE SPRAY GRADE BASE |
| CAS No.                | Not applicable.             |
| EC No.                 | Not applicable.             |
| REACH Registration No. | Not known.                  |

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

|                      |                             |
|----------------------|-----------------------------|
| Identified Use(s)    | Refer to product data sheet |
| Uses Advised Against | For professional use only   |

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

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| Manufacturer            |                                                            |
| Company Identification  | Advanced Barrier Coatings Limited                          |
| Address of Manufacturer | Commissioners Quay<br>Quay Road<br>Blyth<br>Northumberland |
| Postal code             | NE24 3AG                                                   |
| Telephone:              | +44 (0) 1670 338414                                        |
| Fax                     | Not known.                                                 |
| E-mail                  | info@advancedbarriercoatings.com                           |
| Office hours            |                                                            |

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Supplier               |                                                            |
| Company Identification | Advanced Barrier Coatings Limited                          |
| Address of Supplier    | Commissioners Quay<br>Quay Road<br>Blyth<br>Northumberland |
| Postal code            | NE24 3AG                                                   |
| Telephone:             | +44 (0) 1670 338414                                        |
| Fax                    | Not known.                                                 |
| E-mail                 | info@advancedbarriercoatings.com                           |
| Office hours           |                                                            |

##### 1.4 Emergency telephone number

|                          |                           |
|--------------------------|---------------------------|
| Emergency Phone No.      | +44 (0) 1670 338414       |
| Contact                  | No information available. |
| National response center |                           |
| Address                  | NHS Direct                |
| Emergency Phone No.      | +44 111                   |

#### SECTION 2: HAZARDS IDENTIFICATION

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

|                                     |                                                                       |
|-------------------------------------|-----------------------------------------------------------------------|
| Regulation (EC) No. 1272/2008 (CLP) | Carc. 2 :Suspected of causing cancer.                                 |
|                                     | Aquatic Acute 3 :Harmful to aquatic life.                             |
|                                     | Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects. |



## 2.2 Label elements

Product Name VERSATHANE SPRAY GRADE BASE

Hazard Pictogram(s)



GHS08

Signal Word(s)

Warning

Hazard Statement(s)

H351: Suspected of causing cancer.

H402: Harmful to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

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.    | %W/W  | Hazard Statement(s)                                                                                                             | Hazard Pictogram(s)     |
|--------------------------------------------------|------------|-------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Talc ( $\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$ ) | 14807-96-6 | 15-30 | Not classified.                                                                                                                 | None                    |
| titanium dioxide                                 | 13463-67-7 | 5-10  | Acute Tox. 5 H333<br>Carc. 2 H351                                                                                               | GHS08                   |
| Castor oil                                       | 8001-79-4  | 1-5   | Not classified                                                                                                                  | None                    |
| Zeolites                                         | 1318-02-1  | 1-5   | Not classified                                                                                                                  | None                    |
| diethylmethylbenzenediamine                      | 68479-98-1 | 1-5   | Acute Tox. 4 H302<br>Acute Tox. 4 H312<br>Eye Irrit. 2 H319<br>STOT RE 2 H373<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 | GHS08<br>GHS07<br>GHS09 |

## SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

|              |                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.          |
| Skin Contact | Wash with plenty of water. If symptoms persist, obtain medical attention.                                                |
| Eye Contact  | Flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, obtain medical attention. |
| Ingestion    | Do not induce vomiting. Seek medical advice.                                                                             |

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

Treat symptomatically.

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

IF exposed or concerned: Get medical advice/attention. Treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

|                                |                                      |
|--------------------------------|--------------------------------------|
| Suitable Extinguishing media   | As appropriate for surrounding fire. |
| Unsuitable extinguishing media | Do not use water jet.                |

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

Decomposes in a fire giving off toxic fumes: Carbon monoxide .

#### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Ensure full personal protection (including respiratory protection) during removal of spillages.

#### 6.2 Environmental precautions

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

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

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with 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

See Also Section 8, 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Provide adequate ventilation. Wash hands thoroughly after handling.

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

Store locked up.

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Storage temperature    | Ambient.                                          |
| Storage life           | Stable under normal conditions.                   |
| Incompatible materials | Strong oxidising agents, Strongly acidic, Amine . |

#### 7.3 Specific end use(s)



Refer to product data sheet

## 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<br>ppm) | LTEL (8 hr TWA<br>mg/m <sup>3</sup> ) | STEL<br>(ppm) | STEL<br>(mg/m <sup>3</sup> ) | Note |
| Talc, respirable dust               | 14807-96-6 |                        | 1                                     |               |                              |      |
| Titanium dioxide total<br>inhalable | 13463-67-7 |                        | 10                                    |               |                              |      |
| Titanium dioxide respirable         | 13463-67-7 |                        | 4                                     |               |                              |      |

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| Region         | Source                                                                  |
| EU             | EU Occupational Exposure Limits                                         |
| United Kingdom | UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020) |

|        |       |
|--------|-------|
| Remark | Notes |
|--------|-------|

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection.

#### 8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374). Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                              |                  |
|------------------------------|------------------|
| Appearance                   | Liquid.          |
|                              | Colour : Various |
| Odour                        | Faint.           |
| Odour threshold              | Not known.       |
| pH                           | Not known.       |
| Melting point/freezing point | Not known.       |



|                                              |                                                                                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------|
| Initial boiling point and boiling range      | Not known.                                                                              |
| Flash Point                                  | >200°C [Closed cup]                                                                     |
| Evaporation rate                             | Not known.                                                                              |
| Flammability (solid, gas)                    | Not applicable.                                                                         |
| Upper/lower flammability or explosive limits | Not known.                                                                              |
| Vapour pressure                              | Not known.                                                                              |
| Vapour density                               | Not known.                                                                              |
| Density (g/ml)                               | 1.30                                                                                    |
| Relative density                             | Not known.                                                                              |
| Solubility(ies)                              | Solubility (Water) : Insoluble in water.<br>Solubility (Other) : Most organic solvents. |
| Partition coefficient: n-octanol/water       | Not known.                                                                              |
| Auto-ignition temperature                    | Not known.                                                                              |
| Decomposition Temperature (°C)               | Not known.                                                                              |
| Viscosity                                    | Not known.                                                                              |
| Explosive properties                         | Not explosive.                                                                          |
| Oxidising properties                         | Not oxidising.                                                                          |

## 9.2 Other information

None.

## 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

Strong oxidising agents, Strongly acidic, Amine .

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

|                               |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| Acute toxicity - Ingestion    | Not classified.<br>Calculated acute toxicity estimate (ATE) Calc ATE - 25000.00000 |
| Acute toxicity - Skin Contact | Not classified.<br>Calculated acute toxicity estimate (ATE) Calc ATE - 55000.00000 |
| Acute toxicity - Inhalation   | Not classified.                                                                    |
| Skin corrosion/irritation     | Not classified.                                                                    |
| Serious eye damage/irritation | Not classified.                                                                    |
| Skin sensitization data       | Not classified.                                                                    |



|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Respiratory sensitization data | Not classified.                                   |
| Germ cell mutagenicity         | Not classified.                                   |
| Carcinogenicity                | Calculation method : Suspected of causing cancer. |
| Reproductive toxicity          | Not classified.                                   |
| Lactation                      | Not classified.                                   |
| STOT - single exposure         | Not classified.                                   |
| STOT - repeated exposure       | Not classified.                                   |
| Aspiration hazard              | 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 Degradation

No information available.

#### 12.3 Bioaccumulative potential

No information available.

#### 12.4 Mobility in soil

Insoluble in water. The product is predicted to have low mobility in soil.

#### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

#### 12.6 Other adverse effects

Not known.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose of this material and its container as hazardous waste.

#### 13.2 Additional Information

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

### SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

### SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very Not listed



High Concern for Authorisation

REACH: ANNEX XIV list of substances Not listed  
subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles diethylmethylbenzenediamine (68479-98-1)

Community Rolling Action Plan (CoRAP) diethylmethylbenzenediamine (68479-98-1), titanium dioxide (13463-67-7)

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

#### National regulations

Other Not known.

#### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

#### LEGEND

Hazard Pictogram(s)



GHS08

GHS07: GHS: Exclamation mark

GHS09: GHS: Environment

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Acute Tox. 4 : Acute toxicity, Category 4

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Acute Tox. 5 : Acute toxicity, Category 5

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 Acute 3 : Hazardous to the aquatic environment, Acute, Category 3

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3



Hazard Statement(s)

H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H319: Causes serious eye irritation.  
H333: May be harmful if inhaled.  
H351: Suspected of causing cancer.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H400: Very toxic to aquatic life.  
H402: Harmful to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313: IF exposed or concerned: Get medical advice/attention.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
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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