

**SAFETY DATA SHEET****Valspar Difficult Surface Primer & Undercoat Pure Brilliant White**

According to Regulation (EC) No 1907/2006, Annex II, as amended.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** Valspar Difficult Surface Primer & Undercoat Pure Brilliant White  
**Product number** 121.0029911.327, 121.0029911.340

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

**Identified uses** Water-based paint.  
**Uses advised against** No specific uses advised against are identified.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Valspar  
220 Wharfedale Road,  
Winnersh,  
Wokingham,  
Berkshire,  
RG41 5TP  
Tel: 0344 736 9174  
Email: customerservice@valsparpaint.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** 0344 736 9174  
(0800 - 1700 Monday - Sunday)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**2.2. Label elements**

**Hazard statements** EUH208 Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.  
**Precautionary statements** P102 Keep out of reach of children.  
**VOC Labelling** EU: (cat A/g): 30 g/l (2010). This product contains a maximum VOC content of <1 g/l.

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

<b>Calcium carbonate</b> <span style="float: right;"><b>10-30%</b></span> CAS number: 1317-65-3                      EC number: 215-279-6 Substance with National workplace exposure limits.
<b>Classification</b> Not Classified
<b>Titanium dioxide</b> <span style="float: right;"><b>10-30%</b></span> CAS number: 13463-67-7                      EC number: 236-675-5 Substance with National workplace exposure limits.
<b>Classification</b> Not Classified

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	No specific symptoms known. However, this product contains VOCs which may cause a headache.
<b>Ingestion</b>	No specific symptoms known. May cause discomfort if swallowed.
<b>Skin contact</b>	May be slightly irritating to skin. The product contains a small amount of sensitising substance. May cause skin sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May be slightly irritating to eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Specific treatments</b>	No specific chemical antidote is known to be required after exposure to this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.
<b>5.3. Advice for firefighters</b>	
<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing and gloves. Avoid contact with eyes and prolonged skin contact. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment. Avoid release to the environment.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Avoid contact with skin, eyes and clothing. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For waste disposal, see Section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Avoid contact with skin, eyes and clothing. Avoid spilling. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead
<b>Advice on general occupational hygiene</b>	Do not eat, drink or smoke when using this product. Clean equipment and the work area every day. Wash contaminated skin thoroughly after handling.

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

<b>Storage precautions</b>	Container must be kept tightly closed when not in use. Protect from freezing and direct sunlight.
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#### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### Calcium carbonate

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust  
 Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

##### Titanium dioxide

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

### Amorphous silica

Long-term exposure limit (8-hour TWA): WEL 6 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m<sup>3</sup> respirable dust

### Aluminium hydroxide

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup>

### Magnesium carbonate

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

### Sodium Hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

### Cellulose

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Short-term exposure limit (15-minute): WEL 20 mg/m<sup>3</sup> inhalable dust

### Glycerol

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> mist

### propane-1,2-diol

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

### Formaldehyde

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

## 8.2. Exposure controls

### Appropriate engineering controls

Provide adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

### Hand protection

No specific requirements are anticipated under normal conditions of use. For users with sensitive skin, it is recommended that suitable protective gloves are worn. Large Spillages: Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374.

### Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

### Hygiene measures

Wash contaminated skin thoroughly after handling.

### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

### Environmental exposure controls

Keep container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	White.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

**Other information** None.

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid freezing. Avoid heat.

### 10.5. Incompatible materials

**Materials to avoid** Water-reactive materials. Organic peroxides/hydroperoxides.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

##### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

##### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

##### Toxicological information on ingredients.

##### Calcium carbonate

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** > 2000 mg/kg Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** > 2000 mg/kg Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

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### Skin corrosion/irritation

**Animal data** Dose: 0.5g, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0).  
Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** There is no evidence that the product can cause respiratory hypersensitivity.

### Skin sensitisation

**Skin sensitisation** Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Chromosome aberration: Negative.  
Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Not determined. Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Screening - NOAEL 1000 mg/kg/day, Oral, Rat P  
Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: >1.25 % w/w, Oral, Rat  
Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 1000 mg/kg, Oral, Rat  
Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

### Titanium dioxide

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No information available. Scientifically unjustified.

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)** 6.82

**Species** Rat

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<b>Notes (inhalation LC<sub>50</sub>)</b>	REACH dossier information. Based on available data the classification criteria are not met.
<b>ATE inhalation (dusts/mists mg/l)</b>	6.82
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Dose: 0.5 g, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Bacterial reverse mutation test: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	NOAEL 50 mg/m <sup>3</sup> , Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	No information available.
<b>Reproductive toxicity - development</b>	No information available.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEC 10 mg/m <sup>3</sup> , Inhalation, Rat REACH dossier information. Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.



## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment.

#### Ecological information on ingredients.

##### Calcium carbonate

###### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: >100 % v/v, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >100 % v/v, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: >14 mg/l,

##### Titanium dioxide

###### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 1000 mg/l, Pimephales promelas (Fat-head Minnow)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 100 mg/l, Daphnia magna  
REACH dossier information.

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 61 mg/l, Pseudokirchneriella subcapitata  
REACH dossier information.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### Ecological information on ingredients.

##### Calcium carbonate

**Persistence and degradability** Substance is inorganic.

##### Titanium dioxide

**Phototransformation** No information available.

**Stability (hydrolysis)** No significant reaction in water.

**Biodegradation** Not applicable.  
Substance is inorganic.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### Ecological information on ingredients.

##### Calcium carbonate

**Bioaccumulative potential** No data available on bioaccumulation.

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### Titanium dioxide

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not applicable. Substance is inorganic.

#### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

#### Ecological information on ingredients.

### Calcium carbonate

**Mobility** No information available.

### Titanium dioxide

**Mobility** The product is insoluble in water and will sediment in water systems.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### Ecological information on ingredients.

### Calcium carbonate

**Results of PBT and vPvB assessment** Substance is inorganic.

### Titanium dioxide

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

#### Ecological information on ingredients.

### Calcium carbonate

**Other adverse effects** None known.

### Titanium dioxide

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered. The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible.

**Disposal methods** Dispose of contents/container in accordance with national regulations.

## SECTION 14: Transport information

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

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

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

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

**National regulations** The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012, SI 2012/1715

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Valspar Difficult Surface Primer & Undercoat Pure Brilliant White

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>CAS: Chemical Abstracts Service.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>IATA: International Air Transport Association.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.</p> <p>IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	EUH208: Calculation method.
<b>Revision comments</b>	Section 2: Hazards identification // 2.2. Label elements
<b>Revision date</b>	06/02/2018
<b>Revision</b>	1
<b>Supersedes date</b>	12/01/2018
<b>SDS number</b>	2177
<b>Hazard statements in full</b>	EUH208 Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.