

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


- 1.1 Product identifier:** 10513508 - FIX-R JointSeal 10 600ml  
**Other means of identification:**  
Not relevant
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Sealant . For professional users/industrial user only.  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
FIX-R  
Harding Way  
PE27 3YJ St Ives - Cambridgeshire - United Kingdom  
Phone: +44 (0) 1480 466 777  
sigassured@sigplc.com  
www.fix-r.co.uk
- 1.4 Emergency telephone number:** +44 (0) 1274 696979 (Monday - Friday 8am - 5pm GMT)

## SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):**  
The product is not classified as hazardous according to GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567).
- 2.2 Label elements:**  
**GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):**  
**Hazard statements:**  
Not relevant  
**Precautionary statements:**  
Not relevant  
**Supplementary information:**  
EUH208: Contains Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.  
EUH210: Safety data sheet available on request.  
**Additional labeling:**  
RCH004a Persons already sensitised to diisocyanates may develop allergic reactions when using this product.  
RCH004b Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.  
RCH004c This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.
- 2.3 Other hazards:**  
Product does not meet PBT/vPvB criteria

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**  
Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Mixture of substances  
**Components:**  
In accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020, the product contains:

| Identification      | Chemical name/Classification   | Concentration |
|---------------------|--|---------------|
| CAS: Non-applicable | <b>Reaction mass of ethylbenzene and m-xylene and p-xylene</b><br>Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226;<br>Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger  | 1 - <5 %      |

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification  | Acute toxicity  |                | Genus |
|---|-----------------|----------------|-------|
|   | LD50 oral       | LD50 dermal    |       |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | Not relevant    |                |       |
| CAS: Non-applicable                                     |                 | 1100 mg/kg     | Rat   |
|   | LC50 inhalation | 11 mg/L (ATEi) |       |

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

##### By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

##### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

##### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

##### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

##### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

##### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

##### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

#### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

### 6.2 Environmental precautions:

It is recommended to avoid environmental spillage of both the product and its container.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

#### B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

#### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

#### A.- Specific storage requirements

Store in a cool, dry, well-ventilated location

#### B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

See Section 1.2

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

| Identification  | Occupational exposure limits |                     |
|---|------------------------------|---------------------|
|   | WEL (8h)                     | WEL (15 min)        |
| Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$ )<br>CAS: 13463-67-7 |                              | 4 mg/m <sup>3</sup> |
| Di- <i>isononyl</i> phthalate<br>CAS: 28553-12-0                                  | 5 mg/m <sup>3</sup>          |                     |
| Carbon black  | 3.5 mg/m <sup>3</sup>        |                     |

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

| Identification | Occupational exposure limits |                     |
|----------------|------------------------------|---------------------|
|                | WEL (15 min)                 |                     |
| CAS: 1333-86-4 |                              | 7 mg/m <sup>3</sup> |

**Biological limit values:**

BIOLOGICAL MONITORING GUIDANCE VALUES (BMGVs) - EH40/2005

| Identification   | NULL             | NULL                          | NULL       |
|--|------------------|-------------------------------|------------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable | 1030 mg/g (NULL) | Methyl hippuric acid in urine | Post shift |

**DNEL (Workers):**

| Identification  |            | Short exposure        |                       | Long exposure         |                       |
|---|------------|-----------------------|-----------------------|-----------------------|-----------------------|
|   |            | Systemic              | Local                 | Systemic              | Local                 |
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable<br>EC: 905-562-9 | Oral       | Not relevant          | Not relevant          | Not relevant          | Not relevant          |
|   | Dermal     | Not relevant          | Not relevant          | 212 mg/kg             | Not relevant          |
|   | Inhalation | 442 mg/m <sup>3</sup> | 442 mg/m <sup>3</sup> | 221 mg/m <sup>3</sup> | 221 mg/m <sup>3</sup> |

**DNEL (General population):**

| Identification  |            | Short exposure        |                       | Long exposure          |                        |
|---|------------|-----------------------|-----------------------|------------------------|------------------------|
|   |            | Systemic              | Local                 | Systemic               | Local                  |
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable<br>EC: 905-562-9 | Oral       | Not relevant          | Not relevant          | 12.5 mg/kg             | Not relevant           |
|   | Dermal     | Not relevant          | Not relevant          | 125 mg/kg              | Not relevant           |
|   | Inhalation | 260 mg/m <sup>3</sup> | 260 mg/m <sup>3</sup> | 65.3 mg/m <sup>3</sup> | 65.3 mg/m <sup>3</sup> |

**PNEC:**

| Identification  |              | Short exposure |                         | Long exposure |       |
|---|--------------|----------------|-------------------------|---------------|-------|
|   |              | Systemic       | Local                   | Systemic      | Local |
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable<br>EC: 905-562-9 | STP          | 6.58 mg/L      | Fresh water             | 0.327 mg/L    |       |
|   | Soil         | 2.31 mg/kg     | Marine water            | 0.327 mg/L    |       |
|   | Intermittent | 0.327 mg/L     | Sediment (Fresh water)  | 12.46 mg/kg   |       |
|   | Oral         | Not relevant   | Sediment (Marine water) | 12.46 mg/kg   |       |

**8.2 Exposure controls:**


A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<UKCA marking>> or <<CE marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection


The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

| Pictogram  | PPE                                   | Remarks  |
|--|---------------------------------------|--|
| <br>Mandatory hand protection | Protective gloves against minor risks | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram  | PPE   | Remarks   |
|--|---|---|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |



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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

E.- Body protection

| Pictogram | PPE                  | Remarks   |
|-----------|----------------------|---|
|           | Work clothing        | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | Anti-slip work shoes | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007                                 |

F.- Additional emergency measures

| Emergency measure   | Standards                                       | Emergency measure  | Standards                                      |
|---|---|--|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012:**

|                          |                               |
|--------------------------|-------------------------------|
| V.O.C. (Supply):         | 1.9 % weight                  |
| V.O.C. density at 20 °C: | 29 kg/m <sup>3</sup> (29 g/L) |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

|                          |                |
|--------------------------|----------------|
| Physical state at 20 °C: | Liquid         |
| Appearance:              | Viscous        |
| Colour:                  | Grey           |
| Odour:                   | Characteristic |
| Odour threshold:         | Not relevant * |

**Volatility:**

|  |                |
|--|----------------|
| Boiling point at atmospheric pressure: | Not relevant * |
| Vapour pressure at 20 °C:              | Not relevant * |
| Vapour pressure at 50 °C:              | Not relevant * |
| Evaporation rate at 20 °C:             | Not relevant * |

**Product description:**

|  |                          |
|--|--------------------------|
| Density at 20 °C:                            | Not relevant *           |
| Relative density at 20 °C:                   | Not relevant *           |
| Dynamic viscosity at 20 °C:                  | Not relevant *           |
| Kinematic viscosity at 20 °C:                | >20.5 mm <sup>2</sup> /s |
| Kinematic viscosity at 40 °C:                | >20.5 mm <sup>2</sup> /s |
| Concentration:                               | Not relevant *           |
| pH:  | Not relevant *           |
| Vapour density at 20 °C:                     | Not relevant *           |
| Partition coefficient n-octanol/water 20 °C: | Not relevant *           |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

|                                  |                |
|----------------------------------|----------------|
| Solubility in water at 20 °C:    | Not relevant * |
| Solubility properties:           | Not relevant * |
| Decomposition temperature:       | Not relevant * |
| Melting point/freezing point:    | Not relevant * |
| <b>Flammability:</b>             |                |
| Flash Point:                     | >65 °C         |
| Flammability (solid, gas):       | Not relevant * |
| Autoignition temperature:        | Not relevant * |
| Lower flammability limit:        | Not relevant * |
| Upper flammability limit:        | Not relevant * |
| <b>Particle characteristics:</b> |                |
| Median equivalent diameter:      | Non-applicable |

**9.2 Other information:**

**Information with regard to physical hazard classes:**

|  |                |
|--|----------------|
| Explosive properties:  | Not relevant * |
| Oxidising properties:  | Not relevant * |
| Corrosive to metals:   | Not relevant * |
| Heat of combustion:  | Not relevant * |
| Aerosols-total percentage (by mass) of flammable components: | Not relevant * |

**Other safety characteristics:**

|                           |                |
|---------------------------|----------------|
| Surface tension at 20 °C: | Not relevant * |
| Refraction index:         | Not relevant * |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Not applicable     | Not applicable   | Precaution              | Precaution | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Reaction mass of ethylbenzene and m-xylene and p-xylene (3); Carbon black (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Not relevant

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity  |                   | Genus |
|---|-----------------|-------------------|-------|
|   | LD50 oral       | LD50 dermal       |       |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | 2100 mg/kg      | 1100 mg/kg (ATEi) | Rat   |
| CAS: Non-applicable                                     | LC50 inhalation | 11 mg/L (ATEi)    |       |

**Acute Toxicity Estimate (ATE mix):**

| ATE mix |                                      | Ingredient(s) of unknown toxicity |
|---------|--------------------------------------|-----------------------------------|
| Oral    | 110526.32 mg/kg (Calculation method) | Non-applicable                    |
| Dermal  | 57894.74 mg/kg (Calculation method)  | 0 %                               |

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

|            |  |     |
|------------|--|-----|
| Inhalation | 578.95 mg/L (4 h) (Calculation method) | 0 % |
|------------|--|-----|

## SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

### 12.1 Toxicity:

#### Acute toxicity:

| Identification   | Concentration |                       | Species | Genus      |
|--|---------------|-----------------------|---------|------------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable | LC50          | >10 - 100 mg/L (96 h) |         | Fish       |
|  | EC50          | >10 - 100 mg/L (48 h) |         | Crustacean |
|  | EC50          | >10 - 100 mg/L (72 h) |         | Algae      |

#### Chronic toxicity:

| Identification   | Concentration |           | Species             | Genus      |
|--|---------------|-----------|---------------------|------------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable | NOEC          | 1.3 mg/L  | Oncorhynchus mykiss | Fish       |
|  | NOEC          | 1.17 mg/L | Ceriodaphnia dubia  | Crustacean |

### 12.2 Persistence and degradability:

#### Substance-specific information:

| Identification | Degradability  |              | Biodegradability |               |
|----------------|--|--------------|------------------|---------------|
|                | Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable | BOD5         | Not relevant     | Concentration |
| COD            |  | Not relevant | Period           | 28 days       |
| BOD5/COD       |  | Not relevant | % Biodegradable  | 88 %          |

### 12.3 Bioaccumulative potential:

#### Substance-specific information:

| Identification   | Bioaccumulation potential |      |
|--|---------------------------|------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable | BCF                       | 9    |
|  | Pow Log                   | 2.77 |
|  | Potential                 | Low  |

### 12.4 Mobility in soil:

| Identification   | Absorption/desorption |              | Volatility |                               |
|--|-----------------------|--------------|------------|-------------------------------|
| Reaction mass of ethylbenzene and m-xylene and p-xylene<br>CAS: Non-applicable | Koc                   | 202          | Henry      | 524.86 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Moderate     | Dry soil   | Yes                           |
|  | Surface tension       | Not relevant | Moist soil | Yes                           |

### 12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

### 12.6 Other adverse effects:

Not described

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

| Code     | Description   | Waste class   |
|----------|---|---------------|
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 | Non-hazardous |

#### Type of waste:

Not relevant

#### Waste management (disposal and evaluation):

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### SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste (England & Wales) Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of UK REACH the provisions related to waste management are stated:

UK legislation: The Waste (England & Wales) Regulations 2011.

### SECTION 14: TRANSPORT INFORMATION

**Transport of dangerous goods by land:**

With regard to ADR 2023 and RID 2023:

- 14.1 **UN number:** Not relevant
- 14.2 **UN proper shipping name:** Not relevant
- 14.3 **Transport hazard class(es):** Not relevant
- Labels: Not relevant
- 14.4 **Packing group:** Not relevant
- 14.5 **Environmental hazards:** No
- 14.6 **Special precautions for user**
- Tunnel restriction code: Not relevant
- Physico-Chemical properties: see section 9
- 14.7 **Transport in bulk according to Annex II of Marpol and the IBC Code:** Not relevant

**Transport of dangerous goods by sea:**

With regard to IMDG 41-22:

- 14.1 **UN number:** Not relevant
- 14.2 **UN proper shipping name:** Not relevant
- 14.3 **Transport hazard class(es):** Not relevant
- Labels: Not relevant
- 14.4 **Packing group:** Not relevant
- 14.5 **Marine pollutant:** No
- 14.6 **Special precautions for user**
- Special regulations: Not relevant
- EmS Codes:
- Physico-Chemical properties: see section 9
- Limited quantities: Not relevant
- Segregation group: Not relevant
- 14.7 **Transport in bulk according to Annex II of Marpol and the IBC Code:** Not relevant

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2024:

- 14.1 **UN number:** Not relevant
- 14.2 **UN proper shipping name:** Not relevant
- 14.3 **Transport hazard class(es):** Not relevant
- Labels: Not relevant
- 14.4 **Packing group:** Not relevant
- 14.5 **Environmental hazards:** No
- 14.6 **Special precautions for user**
- Physico-Chemical properties: see section 9
- 14.7 **Transport in bulk according to Annex II of Marpol and the IBC Code:** Not relevant

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## SECTION 15: REGULATORY INFORMATION

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

- Substances listed in UK candidate list of substances of very high concern (SVHCs): Not relevant
- Substances listed in UK REACH Authorisation List (Annex 14): Not relevant

#### The Control of Major Accident Hazards Regulations 2015:

Not relevant

#### Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc ....):

Contains Di-isononyl phthalate. 1. Shall not be used as substances or in mixtures, in concentrations greater than 0,1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children. 2. Such toys and childcare articles containing these phthalates in a concentration greater than 0,1 % by weight of the plasticised material shall not be placed on the market. 4. For the purpose of this entry 'childcare article' shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits.

## SECTION 16: OTHER INFORMATION

### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

### GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT SE 3: H335 - May cause respiratory irritation.

### Classification procedure:

Not relevant

### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

### Principal bibliographical sources:

<http://echa.europa.eu>

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

### Abbreviations and acronyms:



PITCHED AND FLAT ROOFING SOLUTIONS

## Safety data sheet

According to UK REACH (S.I. 2019/758)

### 10513508 - FIX-R JointSeal 10 600ml

#### SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -