

## Safety data sheet

This SDS is an English translation of Regulation (EU) n° 2015/830, without any country-specific legislation

### KRAFT JOINT MOLD RESIST 23

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


- 1.1 Product identifier:** KRAFT JOINT MOLD RESIST 23  
**Other means of identification:** JC60909000014 / JC60909000015  
 Non-applicable
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
 Relevant uses: Sealant  
 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:**  
 DRUCKFARBEN HELLAS SA  
 Megaridos Ave.  
 193 00 Aspropyrgos (Attiki)  
 Greece  
 Tel. +30 210 5519500 - Fax +30 210 5519501  
 psafety@druckfarben.gr
- 1.4 Emergency telephone number:** +30 210-7793777

#### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
 This product contains less than 1% respirable crystalline silica, so it does not require classification  
**CLP Regulation (EC) No 1272/2008:**  
 The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Hazard statements:**  
 Non-applicable  
**Precautionary statements:**  
 Non-applicable  
**Supplementary information:**  
 EUH066: Repeated exposure may cause skin dryness or cracking.
- 2.3 Other hazards:**  
 Product fails to meet PBT/vPvB criteria

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

- 3.1 Substance:**  
 Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Polymer/s  
**Components:**  
 In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  | Chemical name/Classification   | Concentration        |
|---|--|----------------------|
| CAS: Non-applicable<br>EC: 920-107-4<br>Index: Non-applicable<br>REACH: 01-2119453414-43-XXXX | <b>Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Asp. Tox. 1: H304; EUH066 - Danger  | <b>25 - &lt;50 %</b> |

<sup>(1)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

\*\* Changes with regards to the previous version












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

| Identification  | Chemical name/Classification  | Concentration   |
|---|---|---|
| CAS: 64742-55-8<br>EC: 265-158-7<br>Index: 649-468-00-3<br>REACH: 01-2119487077-29-XXXX   | <b>Distillates (petroleum), hydrotreated light paraffinic, &lt; 3 % IP 346<sup>(1)</sup></b> Self-classified  | <b>10 - &lt;25 %</b><br>   |
|   | Regulation 1272/2008 Asp. Tox. 1: H304 - Danger   |   |
| CAS: 4253-34-3<br>EC: 224-221-9<br>Index: Non-applicable<br>REACH: 01-2119962266-32-XXXX  | <b>Methylsilanetriyl triacetate<sup>(1)</sup></b> Self-classified   | <b>&lt;1 %</b><br><br>  |
|   | Regulation 1272/2008 Acute Tox. 4: H302; Skin Corr. 1C: H314; EUH014 - Danger   |   |
| CAS: 17865-07-5<br>EC: 241-816-9<br>Index: Non-applicable<br>REACH: 01-2119966899-07-XXXX | <b>propyltriacetoxysilane<sup>(1)</sup></b> Self-classified   | <b>&lt;1 %</b><br>   |
|   | Regulation 1272/2008 Skin Corr. 1B: H314 - Danger   |   |
| CAS: 64-19-7<br>EC: 200-580-7<br>Index: 607-002-00-6<br>REACH: 01-2119475328-30-XXXX      | <b>Acetic acid<sup>(1)</sup></b> ATP CLP00  | <b>&lt;1 %</b><br><br>  |
|   | Regulation 1272/2008 Flam. Liq. 3: H226; Skin Corr. 1A: H314 - Danger   |   |
| CAS: 1185-55-3<br>EC: 214-685-0<br>Index: Non-applicable<br>REACH: 01-2119517436-40-XXXX  | <b>Trimethoxy(methyl)silane<sup>(1)</sup></b> Self-classified   | <b>&lt;1 %</b><br><br>  |
|   | Regulation 1272/2008 Flam. Liq. 2: H225; Skin Sens. 1: H317 - Danger  |   |
| CAS: 77-58-7<br>EC: 201-039-8<br>Index: 050-030-00-3<br>REACH: 01-2119496068-27-XXXX      | <b>Dibutyltin Dilaurate<sup>(1)</sup></b> Self-classified   | <b>&lt;1 %</b><br><br><br> |
|   | Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; Muta. 2: H341; Repr. 1B: H360; Skin Sens. 1: H317; STOT RE 1: H372; STOT SE 1: H370 - Danger |   |

<sup>(1)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

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

#### Other information:

| Identification                               | Specific concentration limit   |
|--|--|
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7 | % (w/w) >=90: Skin Corr. 1A - H314<br>25<= % (w/w) <90: Skin Corr. 1B - H314<br>10<= % (w/w) <25: Skin Irrit. 2 - H315<br>% (w/w) >=25: Eye Dam. 1 - H318<br>10<= % (w/w) <25: Eye Irrit. 2 - H319 |

\*\* Changes with regards to the previous version

#### 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:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

##### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of 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.

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**KRAFT JOINT MOLD RESIST 23****SECTION 4: FIRST AID MEASURES (continued)****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:**

Non-applicable

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media:****Suitable extinguishing media:**

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>).

**Unsuitable extinguishing media:**

WARNING! Product contains substances that react violently with water. NEVER USE WATER TO EXTINGUISH THE FIRE. If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>).

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

Contains substances that react violently with water.

**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,...) in accordance with Directive 89/654/EC.

**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.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

AVOID CONTACT WITH WATER. Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those who do not have 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. Destroy 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:**

Avoid spillage into the aquatic environment as it contains substances potentially dangerous for this. Contain the product absorbed in hermetically sealed containers. In the case of serious spillage into the aquatic environment notify the relevant authority.

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

DO NOT USE WATER TO CLEAN.

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**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 destroy using safe methods (section 6).

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#### SECTION 7: HANDLING AND STORAGE (continued)

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

Avoid contact with water and the evaporation of the product, as it 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. Avoid splashes and pulverizations. 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**

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

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

**A.- Technical measures for storage**

Minimum Temp.: 5 °C  
 Maximum Temp.: 30 °C  
 Maximum time: 12 Months

**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):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification                            | Occupational exposure limits |        |                      |
|---|------------------------------|--------|----------------------|
| Acetic acid<br>CAS: 64-19-7 EC: 200-580-7 | IOELV (8h)                   | 10 ppm | 25 mg/m <sup>3</sup> |
|   | IOELV (STEL)                 | 20 ppm | 50 mg/m <sup>3</sup> |

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

**DNEL (Workers):**

| Identification  | Route      | Short exposure          |                      | Long exposure           |                      |
|---|------------|-------------------------|----------------------|-------------------------|----------------------|
|   |            | Systemic                | Local                | Systemic                | Local                |
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9 | Oral       | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Inhalation | Non-applicable          | 61 mg/m <sup>3</sup> | Non-applicable          | 31 mg/m <sup>3</sup> |
| propyltriacetoxysilane<br>CAS: 17865-07-5<br>EC: 241-816-9      | Oral       | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable          | Non-applicable       | 12,11 mg/kg             | Non-applicable       |
|   | Inhalation | Non-applicable          | Non-applicable       | 85,39 mg/m <sup>3</sup> | Non-applicable       |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7                    | Oral       | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Inhalation | Non-applicable          | 25 mg/m <sup>3</sup> | Non-applicable          | 25 mg/m <sup>3</sup> |
| Trimethoxy(methyl)silane<br>CAS: 1185-55-3<br>EC: 214-685-0     | Oral       | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Inhalation | Non-applicable          | Non-applicable       | 260 mg/m <sup>3</sup>   | Non-applicable       |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8           | Oral       | Non-applicable          | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | 2,08 mg/kg              | Non-applicable       | 0,43 mg/kg              | Non-applicable       |
|   | Inhalation | 0,059 mg/m <sup>3</sup> | Non-applicable       | 0,02 mg/m <sup>3</sup>  | Non-applicable       |

**DNEL (General population):**

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

| Identification  |            | Short exposure         |                      | Long exposure           |                      |
|---|------------|------------------------|----------------------|-------------------------|----------------------|
|   |            | Systemic               | Local                | Systemic                | Local                |
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9 | Oral       | Non-applicable         | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable         | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Inhalation | Non-applicable         | 61 mg/m <sup>3</sup> | Non-applicable          | 31 mg/m <sup>3</sup> |
| propyltriacetoxysilane<br>CAS: 17865-07-5<br>EC: 241-816-9      | Oral       | Non-applicable         | Non-applicable       | 6,05 mg/kg              | Non-applicable       |
|   | Dermal     | Non-applicable         | Non-applicable       | 6,05 mg/kg              | Non-applicable       |
|   | Inhalation | Non-applicable         | Non-applicable       | 21,06 mg/m <sup>3</sup> | Non-applicable       |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7                    | Oral       | Non-applicable         | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable         | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Inhalation | Non-applicable         | 25 mg/m <sup>3</sup> | Non-applicable          | 25 mg/m <sup>3</sup> |
| Trimethoxy(methyl)silane<br>CAS: 1185-55-3<br>EC: 214-685-0     | Oral       | Non-applicable         | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Dermal     | Non-applicable         | Non-applicable       | Non-applicable          | Non-applicable       |
|   | Inhalation | Non-applicable         | Non-applicable       | 50 mg/m <sup>3</sup>    | Non-applicable       |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8           | Oral       | 0,02 mg/kg             | Non-applicable       | 0,003 mg/kg             | Non-applicable       |
|   | Dermal     | 0,5 mg/kg              | Non-applicable       | 0,16 mg/kg              | Non-applicable       |
|   | Inhalation | 0,04 mg/m <sup>3</sup> | Non-applicable       | 0,005 mg/m <sup>3</sup> | Non-applicable       |

#### PNEC:



| Identification  |              |                |                         |                |  |
|---|--------------|----------------|-------------------------|----------------|--|
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9 | STP          | 6,9 mg/L       | Fresh water             | Non-applicable |  |
|   | Soil         | 0,19 mg/kg     | Marine water            | Non-applicable |  |
|   | Intermittent | Non-applicable | Sediment (Fresh water)  | 4,8 mg/kg      |  |
|   | Oral         | Non-applicable | Sediment (Marine water) | 0,48 mg/kg     |  |
| propyltriacetoxysilane<br>CAS: 17865-07-5<br>EC: 241-816-9      | STP          | 10,55 mg/L     | Fresh water             | 0,024 mg/L     |  |
|   | Soil         | 0,003 mg/kg    | Marine water            | 0,002 mg/L     |  |
|   | Intermittent | Non-applicable | Sediment (Fresh water)  | 0,015 mg/kg    |  |
|   | Oral         | Non-applicable | Sediment (Marine water) | 0,001 mg/kg    |  |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7                    | STP          | 85 mg/L        | Fresh water             | 3,058 mg/L     |  |
|   | Soil         | 0,47 mg/kg     | Marine water            | 0,306 mg/L     |  |
|   | Intermittent | 30,58 mg/L     | Sediment (Fresh water)  | 11,36 mg/kg    |  |
|   | Oral         | Non-applicable | Sediment (Marine water) | 1,136 mg/kg    |  |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8           | STP          | 100 mg/L       | Fresh water             | 0 mg/L         |  |
|   | Soil         | 0,041 mg/kg    | Marine water            | 0 mg/L         |  |
|   | Intermittent | 0,005 mg/L     | Sediment (Fresh water)  | 0,05 mg/kg     |  |
|   | Oral         | 0,0002 g/kg    | Sediment (Marine water) | 0,005 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 <<CE marking>> in accordance with Regulation (EU) 2016/425. 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

| Pictogram  | PPE                       | Labelling  | CEN Standard        | Remarks  |
|--|---------------------------|--|---------------------|--|
| <br>Compulsory use of face mask | Filter mask for particles | <br>CAT III | EN 149:2001+A1:2009 | Replace when an increase in resistance to breathing is observed. |

##### C.- Specific protection for the hands



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





| Pictogram  | PPE                                       | Labelling   | CEN Standard  | Remarks  |
|--|---|---|---|--|
| <br>Mandatory hand protection | NON-disposable chemical protective gloves |  | EN ISO 374-1:2016+A1:2018<br>EN 16523-1:2015+A1:2018<br>EN ISO 21420:2020 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

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         | Labelling   | CEN Standard  | Remarks   |
|--|-------------|---|---|---|
| <br>Mandatory face protection | Face shield |  | EN 166:2002<br>EN 167:2002<br>EN 168:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

#### E.- Body protection

| Pictogram   | PPE   | Labelling   | CEN Standard   | Remarks   |
|---|---|---|--|---|
| <br>Mandatory complete body protection | Disposable clothing for protection against chemical risks |    | EN 13034:2005+A1:2009<br>EN 168:2002<br>EN ISO 13982-1:2004/A1:2010<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |
| <br>Mandatory foot protection        | Safety footwear for protection against chemical risk      |  | EN ISO 20345:2011<br>EN 13832-1:2019   | Replace boots at any sign of deterioration.   |

#### 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

#### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                |
|---------------------------|----------------|
| V.O.C. (Supply):          | 0,42 % weight  |
| V.O.C. density at 20 °C:  | Non-applicable |
| Average carbon number:    | 6,75           |
| Average molecular weight: | 187,81 g/mol   |

#### 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: | Solid      |
| Appearance:              | Paste      |
| Colour:                  | Colourless |
| Odour:                   | Irritant   |

\*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)

Odour threshold: Non-applicable \*

**Volatility:**

Boiling point at atmospheric pressure: Non-applicable \*

Vapour pressure at 20 °C: Non-applicable \*

Vapour pressure at 50 °C: Non-applicable \*

Evaporation rate at 20 °C: Non-applicable \*

**Product description:**

Density at 20 °C: Non-applicable \*

Relative density at 20 °C: 0,96

Dynamic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 40 °C: >20,5 mm<sup>2</sup>/s

Concentration: Non-applicable \*

pH: Non-applicable \*

Vapour density at 20 °C: Non-applicable \*

Partition coefficient n-octanol/water 20 °C: Non-applicable \*

Solubility in water at 20 °C: Non-applicable \*

Solubility properties: Non-applicable \*

Decomposition temperature: Non-applicable \*

Melting point/freezing point: Non-applicable \*

**Flammability:**

Flash Point: Non-applicable

Flammability (solid, gas): Non-applicable \*

Autoignition temperature: 260 °C

Lower flammability limit: Non-applicable \*

Upper flammability limit: Non-applicable \*

**Explosive (Solid):**

Lower explosive limit: Non-applicable \*

Upper explosive limit: Non-applicable \*

**Particle characteristics:**

Median equivalent diameter: Non-applicable \*

**9.2 Other information:**

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

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

Heat of combustion: Non-applicable \*

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

**Other safety characteristics:**

Surface tension at 20 °C: Non-applicable \*

Refraction index: Non-applicable \*

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

#### SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:**

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#### SECTION 10: STABILITY AND REACTIVITY (continued)

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

##### 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 | Precaution |

##### 10.5 Incompatible materials:

| Acids          | Water          | Oxidising materials | Combustible materials | Others                        |
|----------------|----------------|---------------------|-----------------------|-------------------------------|
| Not applicable | 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:

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, however, it contains substances classified as dangerous 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, as it does not contain 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 does contain substances classified as hazardous for this effect. 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: Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346 (3)
- Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. For more information see section 3.
- Reproductive toxicity: 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.

##### 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. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

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

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### KRAFT JOINT MOLD RESIST 23

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

Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous as a result of a single exposure. 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: Repeated exposure may cause skin dryness or cracking

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:

Non-applicable

#### Specific toxicology information on the substances:

| Identification   | Acute toxicity  |                | Genus  |
|--|-----------------|----------------|--------|
| Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346<br>CAS: 64742-55-8<br>EC: 265-158-7 | LD50 oral       | >5000 mg/kg    | Rat    |
|  | LD50 dermal     | >5000 mg/kg    | Rabbit |
|  | LC50 inhalation | Non-applicable |        |
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9  | LD50 oral       | 1062 mg/kg     | Rat    |
|  | LD50 dermal     | Non-applicable |        |
|  | LC50 inhalation | Non-applicable |        |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8  | LD50 oral       | 2071 mg/kg     | Rat    |
|  | LD50 dermal     | Non-applicable |        |
|  | LC50 inhalation | Non-applicable |        |

#### SECTION 12: ECOLOGICAL INFORMATION \*\*

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

##### 12.1 Toxicity:

##### Acute toxicity:

| Identification   | Concentration |                      | Species                 | Genus      |
|--|---------------|----------------------|-------------------------|------------|
| Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346<br>CAS: 64742-55-8<br>EC: 265-158-7 | LC50          | 5000 mg/L (96 h)     | Oncorhynchus mykiss     | Fish       |
|  | EC50          | 1000 mg/L (48 h)     | Daphnia magna           | Crustacean |
|  | EC50          | 1000 mg/L (96 h)     | Scenedesmus subspicatus | Algae      |
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9  | LC50          | 251 mg/L (96 h)      | Brachydanio rerio       | Fish       |
|  | EC50          | Non-applicable       |                         |            |
|  | EC50          | Non-applicable       |                         |            |
| propyltriacetoxysilane<br>CAS: 17865-07-5<br>EC: 241-816-9   | LC50          | 251 mg/L (96 h)      | Gambusia affinis        | Fish       |
|  | EC50          | Non-applicable       |                         |            |
|  | EC50          | Non-applicable       |                         |            |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7   | LC50          | 75 mg/L (96 h)       | Lepomis macrochirus     | Fish       |
|  | EC50          | 47 mg/L (24 h)       | Daphnia magna           | Crustacean |
|  | EC50          | Non-applicable       |                         |            |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8  | LC50          | >0.1 - 1 mg/L (96 h) |                         | Fish       |
|  | EC50          | >0.1 - 1 mg/L (48 h) |                         | Crustacean |
|  | EC50          | >0.1 - 1 mg/L (72 h) |                         | Algae      |

##### Chronic toxicity:

| Identification   | Concentration |                | Species             | Genus      |
|--|---------------|----------------|---------------------|------------|
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3 EC: 224-221-9 | NOEC          | Non-applicable |                     |            |
|  | NOEC          | 100 mg/L       | Daphnia magna       | Crustacean |
| Acetic acid<br>CAS: 64-19-7 EC: 200-580-7                    | NOEC          | 57,2 mg/L      | Oncorhynchus mykiss | Fish       |
|  | NOEC          | 80 mg/L        | Daphnia magna       | Crustacean |

\*\* Changes with regards to the previous version

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#### SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

##### 12.2 Persistence and degradability:

###### Substance-specific information:

| Identification  | Degradability |                       | Biodegradability |                |
|---|---------------|-----------------------|------------------|----------------|
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9 | BOD5          | Non-applicable        | Concentration    | Non-applicable |
|   | COD           | Non-applicable        | Period           | 7 days         |
|   | BOD5/COD      | Non-applicable        | % Biodegradable  | 99 %           |
| propyltriacetoxysilane<br>CAS: 17865-07-5<br>EC: 241-816-9      | BOD5          | Non-applicable        | Concentration    | 100 mg/L       |
|   | COD           | Non-applicable        | Period           | 28 days        |
|   | BOD5/COD      | Non-applicable        | % Biodegradable  | 80 %           |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7                    | BOD5          | Non-applicable        | Concentration    | 100 mg/L       |
|   | COD           | Non-applicable        | Period           | 14 days        |
|   | BOD5/COD      | Non-applicable        | % Biodegradable  | 74 %           |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8           | BOD5          | 0 g O <sub>2</sub> /g | Concentration    | 100 mg/L       |
|   | COD           | Non-applicable        | Period           | 28 days        |
|   | BOD5/COD      | Non-applicable        | % Biodegradable  | 50 %           |

##### 12.3 Bioaccumulative potential:

###### Substance-specific information:

| Identification   | Bioaccumulation potential |          |
|--|---------------------------|----------|
| Distillates (petroleum), hydrotreated light paraffinic, < 3 % IP 346<br>CAS: 64742-55-8<br>EC: 265-158-7 | BCF                       |          |
|  | Pow Log                   | 3.9      |
|  | Potential                 |          |
| Methylsilanetriyl triacetate<br>CAS: 4253-34-3<br>EC: 224-221-9  | BCF                       |          |
|  | Pow Log                   | 0.25     |
|  | Potential                 |          |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7   | BCF                       | 3        |
|  | Pow Log                   | -0.71    |
|  | Potential                 | Low      |
| Dibutyltin Dilaurate<br>CAS: 77-58-7<br>EC: 201-039-8  | BCF                       | 31       |
|  | Pow Log                   | 3.12     |
|  | Potential                 | Moderate |

##### 12.4 Mobility in soil:

| Identification   | Absorption/desorption |                      | Volatility |                |
|--|-----------------------|----------------------|------------|----------------|
| propyltriacetoxysilane<br>CAS: 17865-07-5<br>EC: 241-816-9 | Koc                   | 16                   | Henry      | Non-applicable |
|  | Conclusion            | Very High            | Dry soil   | Non-applicable |
|  | Surface tension       | 2,68E-2 N/m (20 °C)  | Moist soil | Non-applicable |
| Acetic acid<br>CAS: 64-19-7<br>EC: 200-580-7               | Koc                   | Non-applicable       | Henry      | Non-applicable |
|  | Conclusion            | Non-applicable       | Dry soil   | Non-applicable |
|  | Surface tension       | 2,699E-2 N/m (25 °C) | Moist soil | Non-applicable |

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

Product fails to meet PBT/vPvB criteria

##### 12.6 Other adverse effects:

Not described

\*\* Changes with regards to the previous version

#### SECTION 13: DISPOSAL CONSIDERATIONS

##### 13.1 Waste treatment methods:

| Code     | Description   | Waste class (Regulation (EU) No 1357/2014) |
|----------|---|--|
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 | Non dangerous                              |

###### Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

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**KRAFT JOINT MOLD RESIST 23****SECTION 13: DISPOSAL CONSIDERATIONS (continued)****Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) 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-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated for transport (ADR/RID,IMDG,IATA)

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Acetic acid

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Contains Dibutyltin Dilaurate

**Seveso III:**

Non-applicable

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

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 product could be affected by sectorial legislation

**15.2 Chemical safety assessment:**

The provider has carried out a chemical safety assessment

**SECTION 16: OTHER INFORMATION****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 12):

- New declared substances
  - Acetic acid (64-19-7)
  - Trimethoxy(methyl)silane (1185-55-3)
  - propyltriacetoxysilane (17865-07-5)

**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

**CLP Regulation (EC) No 1272/2008:**

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### KRAFT JOINT MOLD RESIST 23

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

Acute Tox. 4: H302 - Harmful if swallowed.  
Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Aquatic Chronic 1: H410 - Very toxic 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. 2: H225 - Highly flammable liquid and vapour.  
Flam. Liq. 3: H226 - Flammable liquid and vapour.  
Muta. 2: H341 - Suspected of causing genetic defects.  
Repr. 1B: H360 - May damage fertility or the unborn child.  
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.  
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.  
Skin Sens. 1: H317 - May cause an allergic skin reaction.  
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure. (Oral).  
STOT SE 1: H370 - Causes damage to organs.

#### Classification procedure:

Non-applicable

#### 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:

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 European and state level, 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 -