



EEC SAFETY DATA SHEET IN ACCORDANCE WITH DIRECTIVE 1907/2006

05/01/2017

Version 2 2016.

Number of pages: 5

| MATERIAL SAFETY DATA SHEET. | |
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| 1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND MANUFACTURER. | |
| 1.1 Product identification: | Flexi Filler™ |
| 1.2 Intended use/ description: | Adhesive / Binding agent / Filler |
| 1.3 Company: | Tyges Ltd Unit 6h Paynes business Park Dereham Road Beeston Norfolk PE32 2NQ Office Tel: 0044 (0) 7702616255 |
| 1.4 Emergency telephone numbers: | 0044 (0) 77702616255 |
| 2. HAZARDS IDENTIFICATION | |
| 2.0a Chemical characterization: | Co-polymer of Ethylene and Vinyl Acetate |
| 2.1 Classification of the substance or mixture. This product is not classified as hazardous according to regulation (EC) 1272/2008 (CLP) This product is not classified as dangerous according to regulation 67/548/EEC / 1999/45/EEC Eye Irrit 2: H319 Skin Irrit 2: H315 | |
| 2.2 Label Elements. This product does not have to be labeled according to Regulation (EC) 1272/2008 EUH208: Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction. | |
| Contains an acrylic copolymer and light mineral oil  | |
| 3. COMPOSITION / INFORMATION ON INGREDIENTS | |
| Ingredient. 1,2-Benzisothiazol-3(2H)-one <0.01% by wt This product is a dispersion of an acrylic copolymer in a light mineral oil. It has been classified as an irritant by analogy to a similar product which has been determined as such by OECD guidelines. It is not an irritant as defined by the "conventional method" of 88/379/EEC. The total quantity of irritant substances in the product is less than 1%. | Classification (EEC) 67/548 Classification (EC) 1272/2008 Xn; R22,R43 Xi; R38-41 N; R50 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin sens. 1; H317 Aquatic Acute 1; H400 |
| 4. FIRST AID MEASURES. | |


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| 4.1 Description of first aid measures. General advice If inhaled In case of skin contact In case of eye contact If swallowed 4.2 Most important symptoms and effects 4.3 Indication of any immediate medical attention or special treatment | In case of accident or feeling unwell, seek medical advice immediately. No special measures are necessary. Wash with plenty of water/soap. In case of skin reactions consult a doctor. Rinse carefully with water for several minutes. If eye irritation persists seek medical attention. In all cases of doubt, or when symptoms persist, seek medical advice. May cause sensitization by skin contact. First aid, decontamination, treatment of symptoms |
| 5. FIRE FIGHTING MEASURES: | |
| 5.1 Extinguishing media. | |

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| Suitable extinguishing media 5.2 Special hazards arising from the substance or mixture. Special exposure hazards arising from the substance itself, its combustion products or released gases 5.3 Advice for firefighters Special protective equipment firefighting | Carbon Dioxide (CO ₂), Powder and water spray. Hazardous decomposition by products may form with exposure to high temperatures. In case of fire toxic gases / vapors may be liberated. In case of fire; wear self-contained breathing apparatus |
| 6. ACCIDENTAL RELEASE MEASURES: | |
| 6.1 Personal precautions: | Use personal protective equipment |
| 6.2 Environmental precautions: | Do not allow to enter in to surface water or drains. |
| 6.3 Methods for cleaning up: | Pump up large spillages. Use absorbent substances such as sand or soil for smaller spillages. Dispose of materials in prescribed manor. |
| 6.4 Additional information: | Personal protective equipment see section 8. Disposal see section 13 |
| 7. HANDLING AND STORAGE: | |
| 7.1 Precautions for safe handling: Advice on safe handling Advice on protection against fire | When using do not eat or drink. Avoid Skin contact. No special measure are necessary |
| 7.2 Conditions for safe storage: TRGS 510 | Protect from frost. 12 – Non-combustible liquids |
| 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION: | |
| 8.1 Control parameters: | This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| 8.2 Exposure controls: Respiratory protection Hand protection Eye protection Skin and body protection General protective and hygiene measures | Not required Wear suitable gloves. NBR Nitrile rubber, >=0.4mm thickness, >480 breakthrough time. Wear protective eye glasses Wear suitable protective clothing Avoid contact with skin |
| 9 PHYSICAL AND CHEMICAL PROPERTIES: | |
| Physical state: | Liquid |
| Colour: | Black |
| Odour: | Characteristic |
| pH: | 4-5 |
| Boiling Point/ boiling range: | 100°C |
| Melting point/melting range: °C | Not determined |
| Flash point: °C | Not applicable |

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| Flammability °C: | Not applicable | | |
| Explosive properties: | Product is none explosive. | | |
| Oxidising properties: | Not determined. | | |
| Vapor pressure at 20°C:kPa | Not determined. | | |
| Relative density: g/cm ³ @20°C | 1.0 – 1.06 | | |
| Solubility in water: | Fully miscible | | |
| Viscosity at 20°C (Approximate) | 100000 cps 4/20 @ 20 rpm | | |
| Solids content: (Approximate) | Approx. 60% | | |
| Vapour density: (mbar) | Not determined | | |
| 10. STABILITY REACTIVITY: | | | |
| 10.1 Reactivity | No hazardous reactions when handled and stored according to provisions. | | |
| 10.2 Chemical stability | No hazardous reactions when handled and stored according to provisions. | | |
| 10.3 Possibility of hazardous reactions | No information available | | |
| 10.4 Conditions to avoid | No information available | | |
| 10.5 Incompatible materials | No information available | | |
| 10.6 Hazardous decomposition products | No information available | | |
| 11. TOXICOLOGICAL INFORMATION: | | | |
| 11.1 Information on toxicological effects: | | | |
| Hazardous ingredients | | | |
| 1,2-benzisothiazolin-3-one | | | |
| Oral toxicity(mg/Kg) | Test criteria | Test species | Source |
| 1193 | LD50 | Rat | 100 |
| Dermal toxicity(mg/Kg) | Test criteria | Test species | Source |
| 4115 | LD50 | Rat | 100 |
| Source;100- <u>supplier/own data/ literature</u> | | | |
| Subacute, subchronic, chronic toxicity; | No data available | | |
| Irritant effect on skin: | Not an irritant. | | |
| Irritant effect on eyes: | Not an irritant. | | |
| Irritant effect on respiratory system: | Not an irritant. | | |
| Sensitization: | Many cause sensitization by skin contact. | | |
| Carcinogenic effects: | No data available. | | |
| Mutagenicity: | | | |
| Reproduction toxicity: | No data available | | |
| Caustic effect: | Not corrosive | | |
| 12. ECOLOGICAL INFORMATION: | | | |
| 12.1 Toxicity | | | |
| 1,2-Benzisothiazolin-3-one | | | |
| Toxicity to fish (mg/L) | 96 h LC-50 Rainbow Trout | 2.18 | |
| Toxicity to Daphnia (mg/L) | 48 h EC-50 Daphnia Magna | 2.94 | |
| Toxicity to Algae (mg/L) | 72 h ErC50 Pseudokirchneriella subcapitata | 0.11 | |

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| 12.2 Persistence and biodegradability: 12.3 Bioaccumulative potential 12.4 Mobility in soil 12.5 Results of PBT and vPvB assessment | No data available No data available No data available According to REACH annex XIII, the substances in the mixture don't not meet the PBT/vPvB criteria. | | |
| 12.6 Other adverse effects | No data available | | |
| 13. DISPOSAL CONSIDERATIONS: | | | |
| 13.1 Waste Treatment methods Disposal Uncleaned empty packaging Suitable cleaning agents | Do not dispose of with household waste. Do not allow to enter drains. Dispose of waste according to applicable regulations. Handle contaminated packages the same as the material itself. Water (with cleaning agent) Retain contaminated washing water and dispose. | | |
| 14 TRANSPOT INFORMATION: | | | |
| | Land transport ADR/RID | Marine transport IMDG | Air transport ICAO/IATA |
| 14.1 UN No. | Not applicable | Not applicable | Not applicable |
| 14.2 UN proper shipping name | Not dangerous goods | Not dangerous goods | Not dangerous goods |
| 14.3 Transport hazard class(es) | | Not applicable | Not applicable |
| 14.4 Packaging group | Not applicable | Not applicable | Not applicable |
| 14.5 Environmental hazards | Not applicable | Not applicable | Not applicable |
| 14.6 Special precautions for user; Not applicable 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code; Not applicable | | | |
| 15. REGULATORY INFORMATION: | | | |
| 15.1 Chemical safety assessment: | Not applicable | | |
| 16. OTHER INFORMATION: | | | |
| 16.1 R – phrases H - phrases | R22 – Harmful if swallowed R38 – Irritating to skin R41 – Risk of serious damage to eyes R43 – May cause sensitization by skin contact EUH208; contains 1,2-Benzisothiazolin-3(2H)-one. May produce an allergic reaction. H302; Harmful if swallowed H315; Causes skin irritation H317; May cause an allergic skin reaction H318; Causes serious eye damage H400; Very toxic to aquatic life | | |
| Further information | This information must be passed onto any employee, customers, agents and contractors involved with the handling of this product. The information is based on current knowledge and is intended to describe the safety requirements of this product. It is not a guarantee of specific | | |


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| | <p>properties. The data only applies if the product is used as intended. The product should not be used for purposes other than intended without seeking advice from the manufacturer. Components of this product conform to FDA 21 CFR 175.105, 176.170 and 176.180 and also 1935/2004/EC.</p> |
| <p>DISCLAIMER The information contained in this SDS relates only to the material specified 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 of issue. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the responsibility of the user to satisfy himself as to the suitability of such information for his own particular use.</p> | |

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