


# FLEXI FILLER™

EEC SAFETY DATA SHEET IN ACCORDANCE WITH DIRECTIVE 1907/2006

05/01/2017

Version 2 2016.

Number of pages: 5

<b>MATERIAL SAFETY DATA SHEET.</b>	
<b>1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND MANUFACTURER.</b>	
<b>1.1 Product identification:</b>	Flexi Filler™
<b>1.2 Intended use/ description:</b>	Adhesive / Binding agent / Filler
<b>1.3 Company:</b>	Tyges Ltd Unit 6h Paynes business Park Dereham Road Beeston Norfolk PE32 2NQ Office Tel: 0044 (0) 7702616255
<b>1.4 Emergency telephone numbers:</b>	0044 (0) 77702616255
<b>2. HAZARDS IDENTIFICATION</b>	
<b>2.0a Chemical characterization:</b>	Co-polymer of Ethylene and Vinyl Acetate
<p><b>2.1 Classification of the substance or mixture.</b>            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</p> <p><b>2.2 Label Elements.</b>            This product does not have to be labeled according to Regulation (EC) 1272/2008</p> <p><b>EUH208: Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.</b></p> <p>Contains an acrylic copolymer and light mineral oil </p>	
<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>	
<p><b>Ingredient.</b></p> <p>1,2-Benzisothiazol-3(2H)-one &lt;0.01% by wt</p> <p>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%.</p>	<p>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</p>
<b>4. FIRST AID MEASURES.</b>	

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

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<p>Suitable extinguishing media</p> <p>5.2 Special hazards arising from the substance or mixture.</p> <p>Special exposure hazards arising from the substance itself, its combustion products or released gases</p> <p>5.3 Advice for firefighters</p> <p>Special protective equipment firefighting</p>	<p>Carbon Dioxide (CO<sub>2</sub>), Powder and water spray.</p> <p>Hazardous decomposition by products may form with exposure to high temperatures.</p> <p>In case of fire toxic gases / vapors may be liberated.</p> <p>In case of fire; wear self-contained breathing apparatus</p>
<b>6. ACCIDENTAL RELEASE MEASURES:</b>	
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
<b>7. HANDLING AND STORAGE:</b>	
7.1 Precautions for safe handling: Advice on safe handling	When using do not eat or drink. Avoid Skin contact.
Advice on protection against fire	No special measure are necessary
7.2 Conditions for safe storage: TRGS 510	Protect from frost. 12 – Non-combustible liquids
<b>8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:</b>	
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	Not required Wear suitable gloves. NBR Nitrile rubber, >=0.4mm thickness, >480 breakthrough time.
Eye protection Skin and body protection General protective and hygiene measures	Wear protective eye glasses Wear suitable protective clothing Avoid contact with skin
<b>9 PHYSICAL AND CHEMICAL PROPERTIES:</b>	
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 <sup>3</sup> @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		
<b>10. STABILITY REACTIVITY:</b>			
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		
<b>11. TOXICOLOGICAL INFORMATION:</b>			
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		
<b>12. ECOLOGICAL INFORMATION:</b>			
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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<p>12.2 Persistence and biodegradability:            12.3 Bioaccumulative potential            12.4 Mobility in soil            12.5 Results of PBT and vPvB assessment</p>	<p>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.            No data available</p>		
<p>12.6 Other adverse effects</p>	<p>No data available</p>		
<b>13. DISPOSAL CONSIDERATIONS:</b>			
<p>13.1 Waste Treatment methods            Disposal             Uncleaned empty packaging             Suitable cleaning agents</p>	<p>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.</p>		
<b>14 TRANSPOT INFORMATION:</b>			
	<b>Land transport ADR/RID</b>	<b>Marine transport IMDG</b>	<b>Air transport ICAO/IATA</b>
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			
<b>15. REGULATORY INFORMATION:</b>			
<p>15.1 Chemical safety assessment:</p>	<p>Not applicable</p>		
<b>16. OTHER INFORMATION:</b>			
<p>16.1 R – phrases                     H - phrases</p>	<p>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</p>		
<p>Further information</p>	<p>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</p>		

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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><b>DISCLAIMER</b> 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>	

Tyges ltd Unit 6h Paynes business Park, Dereham Road, Beeston, Norfolk, PE32 2NQ,  
Tel: 0044 (0) 7702616255

Company number: 11675264