



GRANT WESTFIELD
TRANSFORMING SPACES SINCE 1881

Grant Westfield Material Safety Data Sheet

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1 Product Identifier	
1.1.1 Product Name:	Multipanel High Grab Adhesive & Sealant
1.2 Relevant Identified Uses of The Substance or Mixture	
1.2.1 Relevant Identified uses:	Sealant
1.2.2 Uses advised against:	Not specified
1.2.3 Product Category:	Not specified
1.2.4 Application of Substance/Mixture:	Not specified
1.3 Details of The Supplier	
1.3.1 Company name:	Grant Westfield
1.3.2 Company Address:	Westfield Avenue, Edinburgh, EH11 2QH
1.3.3 Company Email:	customerservices@multipanel.co.uk
1.4 Telephone Number	0131 337 6262

SECTION 2: Hazards identification	
2.1 Classification of The Substance or Mixture	
2.1.1 Classification according to Regulation (EC) No	
DSD/DPD: Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC	
2.2. Label elements	
2.2.1 Labelling according to Regulation (EC) No	
NA	
2.2.2 Hazard Pictograms	
NA	
2.2.3 Signal Word:	NA
2.2.4 Hazard – determining components of labelling:	NA
2.2.5 Hazard Statements	
NA	
2.2.6 Precautionary Statements	
NA	

SECTION 3: Composition / Information on Ingredients						
3.1 Composition / Information on Ingredients						
3.1.1 Description:	Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note
	bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	52829-07-9 258-207-9	0.1%<C<2.5%	Xi; R36 N; R51-53	Eye Irrit. 2; H319 Aquatic Chronic 2; H411	(1)
	dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4 245-152-0	0.1%<C<2.5%	Xi; R36 N; R51-53	STOT RE 2; H373 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Aquatic Chronic 2; H411	(1)(2)
(1) For R-phrases and H-statements in full: see heading 16 (2) Substance with a Community workplace exposure limit						
3.1.2 Dangerous Components:	See above					
3.1.3 Additional Information:	NA					

SECTION 4: First Aid Measures	
4.1 Description of First Aid Measures	
4.1.1 General Information	



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Not Specified	
4.1.2 After Inhalation:	Remove the victim into fresh air Respiratory problems: consult a doctor/medical service
4.1.3 After Skin Contact:	Rinse with water Soap may be used Take victim to a doctor if irritation persists
4.1.4 After Eye Contact:	Rinse with water Take victim to an ophthalmologist if irritation persists
4.1.5 After Ingestion:	Rinse mouth with water Consult a doctor/medical service if you feel unwell
4.2 Most Important Symptoms and Effects, Both Acute and Delayed	
Not specified	
4.3 Indication of Any Immediate Medical Attention And Special Treatment Needed	
Not specified	

SECTION 5: Firefighting Measures	
5.1 Extinguishing Media	
5.1.1 Suitable Extinguishing Media:	Polyvalent foam Dry chemical powder Carbon dioxide
5.1.2 Unsuitable Extinguishing Media:	No unsuitable extinguishing media known
5.2 Special Hazards Arising from The Substance or Mixture	
5.2.1 Special Exposure Hazards:	Heating increases the fire hazard Upon combustion: formation of CO, CO ₂ and small quantities of nitrous vapours
5.3 Special Exposure hazards	
5.3.1 Instructions:	Take account of environmentally hazardous firefighting water Use water moderately and if possible collect or contain it

SECTION 6: Accident Release Measure	
6.1 Personal Precautions, Protective Equipment and Emergency Procedure	
See Section 8.2	
6.2 Environmental Precautions	
Dam up the solid spill Use appropriate containment to avoid environmental contamination Prevent soil and water pollution Prevent spreading in sewers See section 13	
6.3 Methods and Material for Containment and Cleaning Up	
Cover the solid spill with sand/kieselguhr Scoop solid spill into closing containers Carefully collect the spill/leftovers Clean contaminated surfaces with an excess of water Wash clothing and equipment after handling	
6.4 Reference To Other Sections	
Not specified	

SECTION 7: Handling and Storage	
7.1 Precautions for Safe Handling	
Keep away from naked flames/heat Observe normal hygiene standards Keep container tightly closed Do not discharge the waste into the drain	
7.1.1 Information about fire and explosion protection:	
Not specified	



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7.2 Conditions for Safe Storage, Including Any Incompatibilities	
Safe storage requirements: Store in a dry area Store at room temperature Meet the legal requirements Max. storage time: 1 year(s) Keep away from: No data available Suitable packaging material: plastics	
7.2.1 Storage:	See 7.2
7.2.1.1 Requirements to be met by storerooms and receptacles:	
Not specified	
7.2.1.2 Information about storage in one common storage facility:	
Not specified	
7.2.1.3 Further information about storage conditions:	
Not specified	
7.3 Methods and Material for Containment and Cleaning Up	
Not specified	

SECTION 8: Exposure Controls / Personal Protection		
8.1 Control Parameters		
If limit values are applicable and available these will be listed below.		
Indicative exposure limit (the Netherlands)		
Tinverbindingen (organisch)(als Sn)	Short time value	- 0.2 mg/m ³
	Time-weighted average exposure limit	- 0.1 mg/m ³
Limit Value (Belgium)		
Tin(organische verbindingen) (als Sn)	Short time value	- ppm 0.2 mg/m ³
	Time-weighted average exposure limit	- ppm 0.1 mg/m ³
TLV (USA)		
Tin organic compounds as Sn	Short time value	0.2(Sn) mg/m ³
	Time-weighted average exposure limit	0.1(Sn) mg/m ³
Limit Value (France)		
Etain,(composés organiques d'),en Sn	Short time value	- (Sn) ppm 0.2 mg/m ³
	Time-weighted average exposure limit	- (Sn) ppm 0.1 mg/m ³
Limit Value (UK)		
Tin compounds, organic, except cyhexatin(ISO)(as Sn)	Short time value	- (Sn) ppm 0.2 mg/m ³
	Time-weighted average exposure limit	- (Sn) ppm 0.1 mg/m ³
8.1.1 Ingredients with limit values that require monitoring at the workplace:		
See 8.1		
8.1.2 Additional information:		



Not specified	
8.2 Exposure Controls	
8.2.1 Appropriate Engineering Controls	
Not specified	
8.2.2 Individual Protection Measures, Such as Personal Protective Equipment	
8.2.2.1 General protective and hygienic measures:	
Not specified	
8.2.2.2 Personal protective equipment:	
8.2.2.2.1 Eye / Face Protection:	Safety glasses
8.2.2.2.2 Skin Protection:	Protective clothing
8.2.2.2.3 Respiratory protection:	Respiratory protection not required in normal conditions
8.2.2.3 Protection of hands:	Gloves
8.2.2.4 Material of gloves:	Not specified
8.2.2.5 Penetration time of glove material:	Not specified
8.2.3 Environmental Exposure Controls	
See sections 6.2, 6.3 and 13	

SECTION 9: Physical and Chemical Properties	
9.1 Information on Basic Physical and Chemical Properties	
9.1.1 General information	
Not specified	
9.1.2 Appearance	
9.1.2.1 Form: (solid/liquid/gas)	Paste
9.1.2.2 Colour:	Variable in colour, depending on the composition
9.1.3 Odour:	Almost odourless
9.1.3.1 Odour Threshold:	Not specified
9.1.4 pH:	Not specified
9.1.5 Temperature	
9.1.5.1 Melting Point/Freezing Point:	Not specified
9.1.5.2 Initial Boiling Point & Boiling Range:	Not specified
9.1.5.3 Flash Point:	Not specified
9.1.5.4 Evaporation Rate:	Not specified
9.1.5.5 Ignition Point:	Not specified
9.1.5.5.1 Auto-ignition Temperature:	Not specified
9.1.5.6 Decompression Temperature:	Not specified
9.1.5.7 Flammability (solid/gas):	Not specified
9.1.5.7.1 Upper/Lower flammability or Explosive Limits:	Not specified
9.1.5.7.2 Explosive Properties:	Not specified
9.1.6 Vapour Pressure:	Not specified
9.1.6.1 Vapour Density:	Not specified
9.1.7 Density @20°C:	Not specified
9.1.7.1 Relative Density:	1.6
9.1.8 Solubility in / Miscibility with water:	Soluble in organic solvent
9.1.9 Partition Coefficient(n-Octanol/Water):	Not specified
9.1.10 Viscosity:	Not specified
9.1.11 Oxidising Properties:	Not specified
9.2 Other Information	
Not specified	

SECTION 10: Stability and Reactivity	
10.1 Reactivity	
Heat sources	



10.2 Stability
Stable under normal conditions
10.2.1 Thermal decomposition / conditions to be avoided:
Not specified
10.3 Possibility of hazardous reactions:
Not specified
10.4 Conditions to avoid
No data available
10.5 Incompatible materials
Not specified
10.6 Hazardous decomposition products
Upon combustion: formation of CO, CO ₂ and small quantities of nitrous vapours

SECTION 11: Toxicology Information	
11.1 Information On Toxicological Effects	
Not specified	
11.1.1 Acute toxicity:	
bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	
LD50 oral (rat)	3700 mg/kg
LD50 dermal (rat)	> 2000 mg/kg
LD50 dermal (rabbit)	> 3100 mg/kg
11.2 Primary irritant effect	
11.2.1 Skin corrosion/irritation:	
Unlikely to cause harmful effect - No data available	
11.2.2 Serious eye damage/eye irritation:	
Unlikely to cause harmful effect - No data available	
11.2.3 Respiratory or skin sensitisation:	
Unlikely to cause harmful effect - No data available	
11.2.4 Carcinogenicity / Mutagenicity / Reproductive toxicity:	
Not listed in carcinogenicity class (IARC,EC,TLV,MAK)	
Not listed in mutagenicity class (EC,MAK)	
Not classified as toxic to reproduction (EC)	
dibutylbis(pentane-2,4-dionato-O,O')tin	
TLV - Carcinogen	A4(Sn)
MAK - Schwangerschaft Gruppe	D
11.3 Additional Information	
Not specified	
11.3.1 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):	
See 11.2.4	
11.3.2 Germ cell mutagenicity:	
See 11.2.4	
11.3.3 Carcinogenicity:	
See 11.2.4	
11.3.4 Reproductive toxicity:	
See 11.2.4	
11.3.5 STOT (Specific target organ toxicity)-single exposure:	
Not specified	
11.3.6 STOT (Specific target organ toxicity)-repeated exposure:	
Not specified	
11.3.7 Aspiration hazard:	
Not specified	

SECTION 12: Ecological Information



12.1 Toxicity			
bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate			
LC50 fishes			
Species value	value remarks	duration (h)	remarks
BRACHYDANIO RERIO	4.4 mg/l	6 h	
EC50 Daphnia			
Species value	value remarks	duration (h)	remarks
DAPHNIA MAGNA	17 mg/l	24 h	OECD 202
EC50 other aquatic organisms			
Species value	value remarks	duration (h)	remarks
SCENEDESMUS SUBSPICATUS	1.9 mg/l	72 h	
12.2 Persistence and Degradability			
Biodegradability in water: no data available			
12.3 Bio-accumulative Potential			
No bioaccumulation data available			
12.4 Mobility in Soil			
Volatile organic compounds (VOC) 2 %			
VOC content (g/l) 34 g/l			
Solubility in/reaction with water - Literature reports: insoluble in water Substance sinks in water			

12.4.1 Additional ecological information
12.4.1.1 General notes:
Not specified
12.5 Results of PBT and vPvB Assessment
Not applicable, based on available data
12.6 Other adverse effects
Not dangerous for the ozone layer (1999/45/EC)

SECTION 13: Disposal Considerations
13.1 Waste Treatment Methods
Waste material code (Directive 2008/98/EC, decision 2001/118/EC) 08 04 10 : waste adhesives and sealants other than those mentioned in 08 04 09 Depending on branch of industry and production process, also other EURAL codes may be applicable Can be considered as non hazardous waste according to Directive 2008/98/EC
13.1.1 Recommendation:
Remove waste in accordance with local and/or national regulations
13.2 Uncleaned packaging:
Waste material code packaging (Directive 2008/98/EC) 15 01 02 : plastic packaging 14. Transport informatio
13.2.1 Recommendation:
Not specified
13.3 Recommended cleansing agents:
Not specified



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SECTION 14: Transport Information	
14.1 UN Number:	Not specified
14.2 UN Proper Shipping name:	Not specified
14.3 Transport Hazard Class(es):	Not specified
14.4 Packing Group:	Not specified
14.5 Environmental Hazards:	Not specified
14.6 Special Precautions for User:	Not specified
14.6.1 Danger Code (Kemier):	Not specified
14.6.2 EMS No.:	Not specified
14.6.3 Segregation Groups:	Not specified
14.6.4 Stowage Category:	Not specified
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Not specified
14.7.1 Transport/Additional information:	Not specified
14.7.2 Limited quantities (LQ):	Not specified
14.7.3 Excepted quantities (EQ):	Not specified
14.7.4 Transport category:	Not specified
14.7.5 Tunnel restriction code:	Not specified
14.7.6 Not permitted as Excepted Quantity:	Not specified

SECTION 15: Regulatory Information	
15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture	
Not specified	
15.1.1 Directive 2012/18/EU:	DSD/DPD Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC
15.1.2 Named dangerous substances - ANNEX I:	Not specified
15.1.3 LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV):	Not specified
15.1.4 REGULATION (EC) No 1907/2006 ANNEX XVII:	Not specified
15.1.5 National regulations:	The Netherlands Waterbezwaarlijkheid (for NL) 1 Waste identification other lists of waste materials LWCA (the Netherlands): KGA category 03 Germany WGK 2 Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
15.2 Chemical Safety Assessment	
Not specified	



SECTION 16: Other Information	
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	
Abbreviations and acronyms:	
PBT-substances = persistent, bioaccumulative and toxic substances	
DSD Dangerous Substance Directive	
DPD Dangerous Preparation Directive	
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)	
Full text of any R-phrases referred to under sections 2 and 3:	
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R48/22	Also harmful: danger of serious damage to health by prolonged exposure if swallowed
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Full text of any H-statements referred to under sections 2 and 3:	
H315	Causes skin irritation
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure if swallowed
H411	Toxic to aquatic life with long lasting effects
Full text of any classes referred to under sections 2 and 3:	
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Eye Irrit.	Eye irritation
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure

Legal Disclaimer: The information in this Safety Data Sheet should be provided to all who use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date and represents the best information currently available and known by Grant Westfield. However, Grant Westfield makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment / COSHH assessment prior to using this material.

Revision History

Revision	Date	Author	Approved	Description
1	04/04/2023	J. Curtis	S. Chaudry	New document