

Safety data sheet according to 1907/2006/EC, Article 31 Printing date 26.01.2016 Version number 16 Revision: 25.01.2016 1 Identification of the substance/mixture and of the company/undertaking . 1.1 Product identifier . Trade name: BISON MIRROR ADHESIVE CRT 425G*12 L143 . 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. . Application of the substance / the mixture Adhesive . 1.3 Details of the supplier of the safety data sheet . Manufacturer/Supplier: Bison International Dr.A.F.Philipsstraat 9 NL-4462 EW Goes PO Box 160 NL-4460 AD Goes tel. +31 88 3235700 fax. +31 88 3235800 e mail: sds@boltonadhesives.com . Further information obtainable from: Bison QESH . 1.4 Emergency telephone number: +31 88 3235700 2 Hazards identification . 2.1 Classification of the substance or mixture . Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation. . 2.2 Label elements . Labelling according to Regulation (EC) No 1272/2008 Void . Hazard pictograms Void . Signal word Void . Hazard statements Void . Additional information: Contains bis-(1,2,2,6,6,-pentamethyl-4-piperidyl)sebacate, 2-octyl-2H-isothiazol-3-one, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction. Safety data sheet available on request. . 2.3 Other hazards . Results of PBT and vPvB assessment . **PBT:** Not applicable. . **vPvB:** Not applicable. 3 Composition/information on ingredients . 3.2 Mixtures . Description: Adhesive . Dangerous components: CAS: 2768-02-7 trimethoxyvinylsilane 2,5-10% 🚸 Flam. Liq. 2, H225; 🚸 Acute Tox. 4, H332 EINECS: 220-449-8 Reg.nr.: 01-2119513215-52 CAS: 68512-30-1 Fenol, methyl-gestyreneerd 2,5-10% Reg.nr.: 01-2119555274-38 🚸 Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412 (Contd. on page 2)

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Trad	e name: BISON MIRROR ADHESIVE CRT 425G*12 L143		
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	Additional information: For the wording of the listed hazard phrases refer to section	16.	
4	First aid measures		
	4.1 Description of first aid measures		
	General information: No special measures required. After inhalation: Supply fresh air; consult doctor in case of	complaints.	
	After skin contact: Generally the product does not irritate the		
	After eye contact: Rinse opened eye for several minutes under After swallowing: If symptoms persist consult doctor.	running water.	
	4.2 Most important symptoms and effects, both acute and delay No further relevant information available.	∋d	
•	4.3 Indication of any immediate medical attention and special	treatment needed	
	No further relevant information available.		
	Firefighting measures		
	5.1 Extinguishing media Suitable extinguishing agents:		
	Use fire extinguishing methods suitable to surrounding condit:	ions.	
	5.2 Special hazards arising from the substance or mixture No further relevant information available.		
•	5.3 Advice for firefighters		
•	Protective equipment: No special measures required.		
	Accidental release measures		
	6.1 Personal precautions, protective equipment and emergency protective equipment end emergency end emergency protective equipment end emergency protective equipment end emergency protective equipment end emergency end emer	procedures	
•	6.2 Environmental precautions:		
	Do not allow to enter sewers/ surface or ground water. 6.3 Methods and material for containment and cleaning up:		
	Absorb with liquid-binding material (sand, diatomite, acid bin	nders, universal	
	binders, sawdust). 6.4 Reference to other sections		
	No dangerous substances are released.		
	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment	t.	
	See Section 13 for disposal information.		
7	Handling and storage		
	7.1 Precautions for safe handling No special measures required Information about fire - and explosion protection: No special		
	7.2 Conditions for safe storage, including any incompatibilit:	ies	
	Storage: Requirements to be met by storerooms and receptacles: No spec:	ial requirements	
•	Information about storage in one common storage facility: Not	-	
	Further information about storage conditions: None. 7.3 Specific end use(s) No further relevant information availa	able.	
	Exposure controls/personal protection		
	Additional information about design of technical facilities:		
	No further data; see item 7.		

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		(Contd. of page 2)		
 8.1 Control parameters Ingredients with limit values that The product does not contain any solues that have to be monitored a Additional information: The lists 	relevant quantities of mate at the workplace.	erials with critical		
 8.2 Exposure controls Personal protective equipment: General protective and hygienic me The usual precautionary measures a Respiratory protection: Not require Protection of hands: 	are to be adhered to when h red.			
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates				
 of diffusion and the degradation Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the				
protective gloves and has to be of . Eye protection: Goggles recommended	oserved.			
 9 Physical and chemical properties . 9.1 Information on basic physical . General Information . Appearance: 				
Form: Colour: . Odour: . Odour threshold:	Fluid According to product speci Characteristic Not determined.	ification		
. pH-value:	Not determined.			
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 270 °C			
. Flash point:	> 100 °C			
. Flammability (solid, gaseous):	Not applicable.			
. Ignition temperature:				
Decomposition temperature:	Not determined.			
. Self-igniting:	Product is not selfignitin	ng.		
. Danger of explosion:	Product does not present a	an explosion hazard.		
• Explosion limits: Lower:	Not determined.			

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Trade name: BISON MIRROR ADHESIVE CRT	425G*12 L143			
Upper:	(Contd. of page 3) Not determined.			
. Vapour pressure:	Not determined.			
. Density at 20 °C: . Relative density	1.497 g/cm³ Not determined.			
. Vapour density	Not determined.			
. Evaporation rate	Not determined.			
. Solubility in / Miscibility with water:	Not miscible or difficult to mix.			
. Partition coefficient (n-octanol/				
water):	Not determined.			
. Viscosity:				
Dynamic:	Not determined.			
Kinematic:	Not determined.			
Solids content:	91.8 %			
. 9.2 Other information	No further relevant information available.			
10 Stability and reactivity				
 10.1 Reactivity No further relevant information available. 10.2 Chemical stability Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. 10.3 Possibility of hazardous reactions No dangerous reactions known. 10.4 Conditions to avoid No further relevant information available. 10.5 Incompatible materials: No further relevant information available. 10.6 Hazardous decomposition products: No dangerous decomposition products known. 				
11 Toxicological information				
 11.1 Information on toxicological effects Acute toxicity Based on available data, the classification criteria are not met. Primary irritant effect: Skin corrosion/irritation Based on available data, the classification criteria are not met. Serious eye damage/irritation 				
	Based on available data, the classification criteria are not met.			
	. Respiratory or skin sensitisation Based on available data, the classification criteria are not met.			
. CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) . Germ cell mutagenicity				
Based on available data, the clas	sification criteria are not met.			
	e data, the classification criteria are not met.			
. Reproductive toxicity				
Based on available data, the clas	sification criteria are not met.			
. STOT-single exposure	aifiantion aritoria are not mot			
Based on available data, the clas . STOT-repeated exposure	SIIICALION CIICEIIA ATE NOL MEC.			
Based on available data, the clas	sification criteria are not met.			
. Aspiration hazard				
Based on available data, the clas	Contd. on page 5)			



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12 Ecological information		
 12.1 Toxicity Aquatic toxicity: No further relevant information available. 12.2 Persistence and degradability No further relevant information available. 12.3 Bioaccumulative potential No further relevant information available. 12.4 Mobility in soil No further relevant information available. Additional ecological information: General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. 12.5 Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. 12.6 Other adverse effects No further relevant information available. 		
13 Disposal considerations		
. 13.1 Waste treatment methods . Recommendation Smaller quantities ca	an be disposed of with household waste.	
. Uncleaned packaging: . Recommendation: Disposal must be made according to Packagings that may not be cleansed the product.	official regulations. are to be disposed of in the same manner as	
14 Transport information		
 14.1 UN-Number ADR,ADN, ADN, IMDG, IATA 14.2 UN proper shipping name ADR,ADN, ADN, IMDG, IATA 14.3 Transport hazard class(es) 	Void Void	
. ADR,ADN, ADN, IMDG, IATA . Class . 14.4 Packing group . ADR,ADN, IMDG, IATA	Void Void	
 . 14.5 Environmental hazards: Marine pollutant: . 14.6 Special precautions for user . 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 		
. Transport/Additional information:		
. IMDG . Remarks:	Under certain conditions substances in Class 3 (flammable liquids) can be classified in packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2	
. UN "Model Regulation":	Void (Contd. on page 6)	



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15 Regulatory information

- . 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- . Labelling according to Regulation (EC) No 1272/2008 Void
- . Hazard pictograms Void
- . Signal word Void
- . Hazard statements Void
- . Directive 2012/18/EU
- . Named dangerous substances ANNEX I None of the ingredients is listed.
- . 15.2 Chemical safety assessment:
- A Chemical Safety Assessment has not been carried out.

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.

Relevant phrases

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.
H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

Flam. Liq. 2: Flammable liquids, Hazard Category 2
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

* Data compared to the previous version altered.



DPD Declaration

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 Identification of the substance/mixture and of the company/undertaking 1.1 Product identifier Trade name: <u>BISON MIRROR ADHESIVE CRT 425G*12 L143</u> 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Adhesive
. 1.3 Details of the supplier of the safety data sheet . Manufacturer/Supplier:
Bison International Dr.A.F.Philipsstraat 9 NL-4462 EW Goes PO Box 160 NL-4460 AD Goes tel. +31 88 3235700 fax. +31 88 3235800 e mail: sds@boltonadhesives.com
. Further information obtainable from: Bison QESH . 1.4 Emergency telephone number: +31 88 3235700
2 Hazards identification
 2.1 Classification of the substance or mixture Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable. Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
. 2.2 Label elements
 Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV). 2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.
3 Composition/information on ingredients
. 3.2 Mixtures . Description: Adhesive (Contd. on page 2)

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DPD Declaration

		to 1907/2006/	EC, Article 31		D Declaraci
Printing date 25.01.203	.6	Version numbe	r 16	Revision:	25.01.2016
Trade name: BISON MIRRC	R ADHESIVE C	RT 425G*12 L1	43		
				(Cont	d. of page 1)
. Dangerous component CAS: 2768-02-7 EINECS: 220-449-8	trime 🗙 Xr	ethoxyvinylsil 1 R20; 💧 F R1			2,5-10%
Reg.nr.: 01-2119513 CAS: 68512-30-1 Reg.nr.: 01-2119555	Feno				2,5-10%
CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-211997(N- (3 Xr	-(trimethoxysi	llyl)propyl)eth 41; 🗙 Xi R43;		<u>≤</u> 2,5%
CAS: 41556-26-7	sebac 🗙 Xi	· · · · · •	entamethyl-4-p: 0/53	iperidyl)	<u><</u> 2,5%
. Additional informat For the wording of		nazard phrases	s refer to sect	tion 16.	
4 First aid measures					
 After inhalation: S After skin contact: After eye contact: After swallowing: S 4.2 Most important No further relevant 4.3 Indication of a No further relevant 	Generally t Rinse opened f symptoms p symptoms and information my immediate	the product do d eye for seve persist consul d effects, bot n available. e medical atte	pes not irritat eral minutes un lt doctor. ch acute and de	te the skin. nder running w elayed	ater.
5 Firefighting measur	es				
 5.1 Extinguishing r Suitable extinguish Use fire extinguish 5.2 Special hazards No further relevant 5.3 Advice for fire Protective equipment 	ing agents: ing methods arising fro information fighters	om the substar n available.	nce or mixture		
6 Accidental release	measures				
 6.1 Personal precat Not required. 6.2 Environmental p Do not allow to ent 6.3 Methods and mat Absorb with liquid- binders, sawdust). 	precautions: er sewers/ serial for co	surface or gro	ound water. I cleaning up:		
. 6.4 Reference to out No dangerous substate See Section 7 for the See Section 8 for the See Section 13 for	nces are re nformation on nformation of	leased. on safe handli on personal pr		pment.	

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Printing date 25.01.2016 Version number 16 Revision: 25.01.2016 Trade name: BISON MIRROR ADHESIVE CRT 425G*12 L143 7 Handling and storage . 7.1 Precautions for safe handling No special measures required. . Information about fire - and explosion protection: No special measures required. . 7.2 Conditions for safe storage, including any incompatibilities . Storage: . Requirements to be met by storerooms and receptacles: No special requirements. . Information about storage in one common storage facility: Not required. . Further information about storage conditions: None. . 7.3 Specific end use(s) No further relevant information available. 8 Exposure controls/personal protection . Additional information about design of technical facilities: No further data; see item 7. . 8.1 Control parameters . Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. . Additional information: The lists valid during the making were used as basis. . 8.2 Exposure controls . Personal protective equipment: . General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. . Respiratory protection: Not required. . Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation . Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. . Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. . Eye protection: Goggles recommended during refilling 9 Physical and chemical properties . 9.1 Information on basic physical and chemical properties . General Information

. Appearance:	
Form:	Fluid
Colour:	According to product specification
· Odour:	Characteristic
. Odour threshold:	Not determined.
. pH-value:	Not determined.

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Printing date 25.01.2016 Version number 16 Revision: 25.01.2016 Trade name: BISON MIRROR ADHESIVE CRT 425G*12 L143 (Contd. of page 3) . Change in condition Undetermined. Melting point/Melting range: 270 °C Boiling point/Boiling range: . Flash point: > 100 °C • Flammability (solid, gaseous): Not applicable. . Ignition temperature: Decomposition temperature: Not determined. . Self-igniting: Product is not selfigniting. . Danger of explosion: Product does not present an explosion hazard. . Explosion limits: Lower: Not determined. Upper: Not determined. . Vapour pressure: Not determined. . Density at 20 °C: 1.497 g/cm³ . Relative density Not determined. . Vapour density Not determined. . Evaporation rate Not determined. . Solubility in / Miscibility with water: Not miscible or difficult to mix. . Partition coefficient (n-octanol/ water): Not determined. . Viscosity: Not determined. Dynamic: Not determined. Kinematic: Solids content: 91.8 % . 9.2 Other information No further relevant information available. 10 Stability and reactivity . 10.1 Reactivity No further relevant information available. . 10.2 Chemical stability . Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. . 10.3 Possibility of hazardous reactions No dangerous reactions known. . 10.4 Conditions to avoid No further relevant information available. . 10.5 Incompatible materials: No further relevant information available. . 10.6 Hazardous decomposition products: No dangerous decomposition products known. 11 Toxicological information . 11.1 Information on toxicological effects · Acute toxicity . Primary irritant effect: . Skin corrosion/irritation No irritant effect. . Serious eye damage/irritation No irritating effect. . Respiratory or skin sensitisation No sensitising effects known. (Contd. on page 5) - GB-D



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(Contd. of page 4) . Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. 12 Ecological information · 12.1 Toxicity . Aquatic toxicity: No further relevant information available. . 12.2 Persistence and degradability No further relevant information available. . 12.3 Bioaccumulative potential No further relevant information available. . 12.4 Mobility in soil No further relevant information available. . Additional ecological information: . General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. . 12.5 Results of PBT and vPvB assessment . **PBT:** Not applicable. . **vPvB:** Not applicable. . 12.6 Other adverse effects No further relevant information available. 13 Disposal considerations . 13.1 Waste treatment methods . Recommendation Smaller quantities can be disposed of with household waste. . Uncleaned packaging: . Recommendation: Disposal must be made according to official regulations. Packagings that may not be cleansed are to be disposed of in the same manner as the product. 14 Transport information . 14.1 UN-Number . ADR, ADN, ADN, IMDG, IATA Void . 14.2 UN proper shipping name . ADR, ADN, ADN, IMDG, IATA Void . 14.3 Transport hazard class(es) . ADR, ADN, ADN, IMDG, IATA . Class Void . 14.4 Packing group . ADR, ADN, IMDG, IATA Void . 14.5 Environmental hazards: . Marine pollutant: No . 14.6 Special precautions for user Not applicable. . 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

. Transport/Additional information:

. TMDG

. Remarks:

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