BOND-FLEX

Structural adhesive, high initial grab and fully elastic after curing.

Bond-Flex is a superior structural adhesive, making the joint as strong as the structure. It's based on MS Polymer® (MSP) technology which makes it extremely strong, environmentally friendly and fully elastic.

Bond-Flex adhesive is used in numerous industries including, commercial body builders, marine, aerospace, construction (landscaping, tiling & so much more) etc. Anywhere you seek a tough flexible rubber bond/joint that can withstand a high degree of vibration/ movement – Bond-Flex should be your first choice.

Fast Cure… High Green Strength… High Grab…

Characteristics

- High initial tack reducing the need for initial support.
- High bond strength and fast cure onto nearly all surfaces
- Primer less adhesion even damp surfaces (due to Bond-Flex's unique adhesion properties)
- High performance shear and tensile (mechanical) properties
- Flexible elastic rubber - movement accommodation up to 20% +/-
- Straight forward application even in adverse conditions
- Colour stability and UV resistant
- Ecological advantages - free of isocyanates, silicone, solvents, halogens and acids.
- Solvent free and completely neutral - Minimal Health and Safety considerations
- No poisonous vapours
- Over paintable with all water based paints and many others
- Resistance to many chemicals and anti-fungicidal
- No staining of highly porous materials such as natural stone, blue stone, marble, granite.

Application examples

- Structural bonding in truck body fabrication including refrigerated trucks
- Elastic bonding in numerous building & construction trades
- Marine applications because its free of isocynates
- Sanitary and kitchen areas - resists mould growth
- Structural bonding of vibrating components
- Industrial application for example sheet metal fabrication
- Paintable gap filler and sealant
- Direct bonding to the back of mirrors
- Direct bonding of traffic signs

Colours

White , Black, Other colours on request

Packaging

290ml cartridge and 600ml foil pack

Shelf life

12 months in unopened packaging in a dry and cool storage place at temperatures between +5ºC and + 25ºC

Technical data

Chemical base	MS Polymer
Viscosity	Thick paste
Curing method	Air moisture cure
Skin Formation	Approx. 10 min (20 ºC/65% R.H.)
Curing Rate	2-3 mm/ 24 hrs (20 ºC/65% R.H.)
Hardness of rubber	50 +/- 5 Shore A
Shrinkage	none
Density (specific gravity)	1.62 g/ml
Temperature Resistance	- 40 ºC to + 90 ºC
Elongation at Break	500% (DIN 53504)
Elasticity Modulus 100%	1.3 N/mm² (DIN 53504)
Elastical Recovery	>75 %
Tear strength (tensil)	2.2 N/mm² (DIN 53504)
Maximum allowed distortion	20% +/-

Chemical resistance

Good	**Poor**
Water	Aromatic Solvents
Aliphatic Solvents	Concentrated Acids
Mineral Oils	Chlorinated Hydrogens
Grease	
Inorganic Acids/Alkalis	

Instructions for use

Surface preparation:	Clean, free of dust and grease.
Priming:	For porous surfaces Primer 150 may be applied. Non porous substrates prepare with Aerobolt cleaner.

Joint dimensions

The optimal bond thickness for this product is at least 2 mm.

We recommend preliminary adhesion tests

Application Method :	Manual or pneumatic caulking gun
Application Temperature:	+1 ºC to +30 ºC
Clean with :	White Spirit immediately after use
Tool with :	Soapy solution before skin formation
Repair with :	Bond-Flex

Safety measures

Apply the usual industrial hygiene.

Paintability

Bond-Flex may be overpainted, however due to the large number of paints and varnishes available we strongly suggest a compability test before application. The drying time of alkyd resin based paints may increase. Due to the wide variety of possible substrates, we recommend compatablity tests.

Important note

Bond-Flex can be applied to a wide variety of substrates, except glass. Further to the wide range of substrates such as plastics, polycarbonate etc. we always recommend preliminary compatability tests.

Bond Flex cannot be used as a glazing sealant.

Material Safety Data Sheet

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: Bond-Flex
Registration number REACH: Not applicable (mixture)
Product type REACH: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses
Sealing compound

1.2.2 Uses advised against
No uses advised against known

1.3 Details of the supplier of the safety data sheet

Name of Contact: Jim Roustas
Importer: Aerobolt Australia Pty Ltd
Address: 12/2 Barry Road, Chipping Norton, NSW, 2170, Australia
Emergency Telephone Number: +61 2 9755 3747
Date: 22 March 2021

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.2. Label elements
Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.3. Other hazards
No other hazards known

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
trimethoxyvinylsilane 01-2119513215-52	2768-02-7 220-449-8	1%<C<3%	Flam. Liq. 3; H226 Acute Tox. 4; H332	(1)(10)	Constituent

(1) For H-statements in full: see heading 16
(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

If you feel unwell, seek medical advice.

After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

After skin contact:

Rinse with water. Soap may be used. Take victim to a doctor if irritation persists.

After eye contact:

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

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

4.2.1 Acute symptoms

After inhalation:	No effects known.
After skin contact:	No effects known.
After eye contact:	No effects known.
After ingestion:	No effects known.

4.2.2 Delayed symptoms

No effects known.

4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO2 extinguisher.
Major fire: Class B foam (not alcohol-resistant).

5.1.2 Unsuitable extinguishing media:

Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion.
Major fire: Water; risk of puddle expansion.

5.2. Special hazards arising from the substance or mixture

Upon combustion: formation of CO, CO2 and small quantities of nitrous vapours and formation of metallic fumes.

5.3. Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames.

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing.

Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Contain released product. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Scoop solid spill into closing containers. Clean contaminated surfaces with a soap solution. Wash clothing and equipment after handling.

6.4. Reference to other sections

See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure
scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Store in a dry area. Store at room temperature. Meet the legal requirements. Max. storage time: 1 year(s).

7.2.2 Keep away from:

Heat sources.

7.2.3 Suitable packaging material:

Synthetic material.

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values

DNEL/DMEL - Workers

trimethoxyvinylsilane

Effect level (DNEL/DMEL)	Type	Value
DNEL	Long-term systemic effects inhalation	27.6 mg/m³
	Long-term systemic effects dermal	3.9 mg/kg bw/day

DNEL/DMEL - General population

trimethoxyvinylsilane

Effect level (DNEL/DMEL)	Type	Value
DNEL	Long-term systemic effects inhalation	18.9 mg/m³
	Long-term systemic effects dermal	7.8 mg/kg bw/day
	Long-term systemic effects oral	0.3 mg/kg bw/day

PNEC

trimethoxyvinylsilane

Compartments	Value
Fresh water	0.36 mg/l
Aqua (intermittent releases)	2.4 mg/l
Marine water	0.036 mg/l
STP	6.6 mg/l
Fresh water sediment	1.3 mg/kg sediment dw
Marine water sediment	0.13 mg/kg sediment dw
Soil	0.055 mg/kg soil dw

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

a) Respiratory protection:

Respiratory protection not required in normal conditions.

b) Hand protection:

Gloves.

c) Eye protection:

Eye protection not required in normal conditions.

d) Skin protection:

Protective clothing.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical

9.1. Information on basic physical and chemical properties

Physical form:	Paste
Odour:	Characteristic odour
Odour threshold:	No data available
Colour:	Variable in colour, depending on the composition
Particle size:	No data available
Explosion limits:	No data available
Flammability:	Non-flammable
Log Kow:	Not applicable (mixture)
Dynamic viscosity:	No data available
Kinematic viscosity:	No data available
Melting point:	No data available
Boiling point:	No data available
Evaporation rate:	No data available
Relative vapour density:	No data available
Vapour pressure:	No data available
Solubility:	Water ; insoluble. Organic solvents ; soluble
Relative density:	1.6 ; 20 °C
Decomposition temperature:	No data available
Auto-ignition temperature:	No data available
Flash point:	No data available
Explosive properties:	No chemical group associated with explosive properties
Oxidising properties:	No chemical group associated with oxidising properties
pH:	No data available

9.2 Other information

Surface tension:	No data available
Absolute density:	1600 kg/m³ ; 20 °C

SECTION 10: Stability and reactivity

10.1. Reactivity
Heating increases the fire hazard. No data available.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Precautionary measures
Keep away from naked flames/heat.

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
Upon combustion: formation of CO, CO2 and small quantities of nitrous vapours and formation of metallic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
11.1.1 Test results

Acute toxicity

AEROBOLT BOND-FLEX
No (test)data on the mixture available
Judgement is based on the relevant ingredients
trimethoxyvinylsilane

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination
Oral	LD50	Equivalent to OECD 401	7120 mg/kg bw - 7236 mg/kg bw		Rat (male/female)	Experimental value
Dermal	LD50	Equivalent to OECD 402	3259 mg/kg bw - 3880 mg/kg bw	24 h	Rabbit (female)	Converted value
Inhalation (vapours)	LC50	Equivalent to OECD 403	16.8 mg/l	4 h	Rat (male/female)	Experimental value

Conclusion
Not classified for acute toxicity

Corrosion/irritation

AEROBOLT BOND-FLEX
No (test)data on the mixture available
Judgement is based on the relevant ingredients
trimethoxyvinylsilane

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination
Eye	Not irritating	OECD 405	24 h	1; 24; 48; 72 hours	Rabbit	Experimental value
Skin	Not irritating		24 h	24; 48; 72 hours	Rabbit	Experimental value

Conclusion

Not classified as irritating to the skin
Not classified as irritating to the eyes
Not classified as irritating to the respiratory system

Respiratory or skin sensitisation

AEROBOLT BOND-FLEX

No (test)data on the mixture available
Judgement is based on the relevant ingredients
trimethoxyvinylsilane

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination
Skin	Not sensitizing	OECD 406		24; 48 hours	Guinea pig (male/female)	Experimental value

Conclusion

Not classified as sensitizing for skin
Not classified as sensitizing for inhalation

Specific target organ toxicity

AEROBOLT BOND-FLEX

No (test)data on the mixture available.
Judgement is based on the relevant ingredients
trimethoxyvinylsilane

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (stomach tube)	LOAEL	OECD 422	62.5 mg/kg bw/day	Bladder	Histopathological changes	6 weeks (daily) - 8 weeks (daily)	Rat (male/female)	Experimental value
Oral (stomach tube)	LOAEL	OECD 422	250 mg/kg bw/day	Bladder	Histopathological changes	6 weeks (daily) - 8 weeks (daily)	Rat (male/female)	Experimental value
Inhalation (vapours)	NOAEC	Subchronic toxicity test	100 ppm		No effect	14 weeks (6h/day, 5 days/week)	Rat (male/female)	Experimental value

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

AEROBOLT BOND-FLEX

No (test)data on the mixture available

trimethoxyvinylsilane

Result	Method	Test substrate	Effect	Value determination
Positive with metabolic activation, positive without metabolic activation	OECD 473	CHL/IU cells	Chromosome aberrations	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 476	Chinese hamster ovary (CHO)		Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)	No effect	Experimental value

Mutagenicity (in vivo)

AEROBOLT BOND-FLEX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

trimethoxyvinylsilane

Result	Method	Exposure time	Test substrate	Value determination
Negative (Inhalation (vapours))	OECD 489	3 days (1x/day)	Rat (female)	Experimental value

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

AEROBOLT BOND-FLEX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

AEROBOLT BOND-FLEX

No (test)data on the mixture available

Judgement is based on the relevant ingredients

trimethoxyvinylsilane

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

AEROBOLT BOND-FLEX

No (test)data on the mixture available

Chronic effects from short and long-term exposure

AEROBOLT BOND-FLEX

No effects known.

SECTION 12: Ecological information

12.1. Toxicity

AEROBOLT BOND-FLEX

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Toxicity algae and other aquatic plants	ErC50	OECD 201	190 mg/l	72 h	Pseudokirchneriella subcapitata	Static system	Fresh water	Experimental value of similar product

Judgement of the mixture is based on the relevant ingredients

Trimethoxyvinylsilane

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50		191 mg/l	96 h	Oncorhynchus mykiss		Fresh water	Experimental value; Nominal concentration
Acute toxicity crustacea	EC50	EU Method C.2	168.7 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	EC50	EPA 67014-73-0	210 mg/l	7 day(s)	Pseudokirchneriella subcapitata	Static system	Fresh water	Experimental value; Nominal concentration
Long-term toxicity fish								Data waiving
Long-term toxicity aquatic crustacea	NOEC	OECD 211	28.1 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value; GLP

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

trimethoxyvinylsilane

Biodegradation water

Method	Value	Duration	Value determination
OECD 301F: Manometric Respirometry Test	51 %; GLP	28 day(s)	Experimental value

Phototransformation air (DT50 air)

Method	Value	Conc. OH-radicals	Value determination
	0.56 day(s)	500000 /cm³	Calculated value

Half-life water (t1/2 water)

Method	Value	Primary degradation/mineralisation	Value determination
OECD 111: Hydrolysis as a function of pH	< 2.4 h; pH = 7	Primary degradation	Weight of evidence

Conclusion

Contains non readily biodegradable component(s)

12.3. Bioaccumulative potential

AEROBOLT BOND-FLEX

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

trimethoxyvinylsilane

Log Kow

Method	Remark	Value	Temperature	Value determination
KOWWIN	Calculated	-2	20 °C	QSAR

Conclusion

Contains bioaccumulative component(s)

12.4. Mobility in soil

Trimethoxyvinylsilane

(log) Koc

Parameter	Method	Value	Value determination
			Data waiving

Volatility (Henry's Law constant H)

Value	Method	Temperature	Remark	Value determination
8.72E-5 atm m³/mol		25 °C		Estimated value

Conclusion

Contains component(s) that adsorb(s) into the soil

12.5. Results of PBT and vPvB assessment

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of
Regulation (EC) No 1907/2006.

12.6. Other adverse effects

AEROBOLT BOND-FLEX

Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure
scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.
Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).
08 04 10 (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants other than those mentioned in 08 04 09). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Recycle/reuse. Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

European Union

Waste material code packaging (Directive 2008/98/EC).
15 01 02 (plastic packaging).

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number	
Transport:	Not subject
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
Hazard identification number:	n/a
Class:	n/a
Classification code:	n/a
14.4. Packing group	
Packing group:	n/a

Labels: n/a

14.5. Environmental hazards

Environmentally hazardous substance mark: no

14.6. Special precautions for user

Special provisions: n/a

Limited quantities: n/a

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Annex II of MARPOL 73/78 n/a

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
< 2.61 %	
< 41.78 g/l	

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of substances or of the mixture	**Conditions of restriction**
trimethoxyvinylsilane	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	1. Shall not be used in: • ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, • tricks and jokes, • games for one or more participants, or any article intended to be used as such, even with ornamental aspects, 2. Articles not complying with paragraph 1 shall not be placed on the market. 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: • can be used as fuel in decorative oil lamps for supply to the general public, and, • present an aspiration hazard and are labelled with R65 or H304, 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN). 5. Without prejudice to the implementation of other Community

		provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life- threatening lung damage"; b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage"; c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010. 6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public. 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.
trimethoxyvinylsilane	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether	1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following: • metallic glitter intended mainly for decoration,

	they appear in Part 3 of Annex VI to that Regulation or not.	• artificial snow and frost, • "whoopee" cushions, • silly string aerosols, • imitation excrement, • horns for parties, • decorative flakes and foams, • artificial cobwebs, • stink bombs. 2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with: "For professional users only". 3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/ 324/EEC. 4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

National legislation Belgium

AEROBOLT BOND-FLEX

No data available

National legislation The Netherlands

AEROBOLT BOND-FLEX

Waterbezwaarlijkheid: Z (1)

National legislation France

AEROBOLT BOND-FLEX

No data available

National legislation Germany

AEROBOLT BOND-FLEX

WGK: 2; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4) and Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) of 18 April 2017

trimethoxyvinylsilane

TA-Luft: 5.2.5

National legislation United Kingdom

AEROBOLT BOND-FLEX

No data available

Other relevant data

AEROBOLT BOND-FLEX

No data available

15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

SECTION 16: Other information

Full text of any H-statements referred to under heading 3:

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.

(*)	INTERNAL CLASSIFICATION BY BIG
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

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