

**FIREBAN 1 GREY EXP**  
 Revision Number 3

Revision date 04-Aug-2019  
 Supersedes Date: 25-Mar-2019

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** FIREBAN 1 GREY EXP  
**Pure substance/mixture** Mixture

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

**Recommended use** Sealant.  
**Uses advised against** No information available.

### 1.3. Details of the supplier of the safety data sheet

**Company Name**  
 Bostik New Zealand Limited  
 19 Eastern Hutt Road Wingate,  
 Lower Hutt, New Zealand  
 Tel: 04-567 5119  
 Fax: 04-567 5412

**Manufacturer**  
 Bostik Australia Pty Ltd  
 51-71 High Street,  
 Thomastown Victoria  
 Australia  
 Tel: 613 9279-9333  
 Fax: 613 9279-9342

**ABN:** 79 003 893 838

### 1.4. Emergency telephone number

**Emergency Telephone** 24 Hr: 0800 243 622  
 +64 4 917 9888  
 Poison Centre : 0800 764 766

**E-mail address** SDS.AP@Bostik.com

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Acute toxicity - Inhalation (Vapors)	Category 3 (6.1C)
Acute toxicity - Inhalation (Dusts/Mists)	Category 4 (6.1D)
Skin corrosion/irritation	Category 3 (6.3B)
Respiratory sensitization	Category 1A
Skin sensitization	Category 1A
Carcinogenicity	Category 2 (6.7B)
Reproductive toxicity	Category 1A (6.8A)
Hazardous to the Aquatic Environment - Acute Hazard	Category 2 (9.1D)
Hazardous to the Aquatic Environment - Chronic Hazard	Category 2 (9.1B)

### 2.2. Label Elements



**Signal word**

Danger

**Hazard statements**

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H316 - Causes mild skin irritation  
H331 - Toxic if inhaled  
H411 - Toxic to aquatic life with long lasting effects  
H360 - May damage fertility or the unborn child  
H351 - Suspected of causing cancer  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H317 - May cause an allergic skin reaction

## Prevention

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well-ventilated area  
P284 - In case of inadequate ventilation wear respiratory protection  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear protective gloves  
P273 - Avoid release to the environment

## Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P311 - Call a POISON CENTER or doctor/physician

## Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse

## Spill

P391 - Collect spillage

## Storage

P405 - Store locked up  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

## Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other Hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical name	CAS No.	Weight-%
Frits, chemicals	65997-18-4	5 - <10
Xylenes (o-, m-, p- isomers)	1330-20-7	5 - <10
2-Propanol, 1-chloro-, phosphate (3:1)	13674-84-5	1 - <5
Urea,	77703-56-1	1 - <3
N,N''-(methylenedi-4,1-phenylene)bis[N'-butyl- Ammonium polyphosphate	68333-79-9	1 - <3
Ethylbenzene	100-41-4	1 - <3
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	0.1- <1
4,4'-Methylenediphenyl diisocyanate	101-68-8	0.1- <1
Benzene, 1,3-diisocyanatomethyl-	26471-62-5	0.1- <1
Glycidoxypropyltrimethoxysilane	2530-83-8	0.1- <1

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

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## 4.1. Description of first aid measures

<b>Inhalation</b>	Immediate medical attention is required. Move victim to fresh air. Administer oxygen if breathing is difficult. If breathing is irregular or stopped, administer artificial respiration.
<b>Skin contact</b>	Wash contaminated clothing before reuse. Wash off immediately with plenty of water. If symptoms persist, call a physician.
<b>Eye contact</b>	Call a physician immediately. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Call a physician or poison control center immediately. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves

## 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

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

**Note to physicians** May cause sensitization by inhalation and skin contact. Treat symptomatically. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

## 4.4. Reference to Other Sections

**Reference to other sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters** Wear self-contained breathing apparatus and protective suit.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Do not touch or walk through spilled material. Use personal protective equipment as required.

### 6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

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**Methods for containment** If possible, turn leaking containers so that gas escapes rather than liquid. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Transport to well ventilated area and treat with neutralizing solution: mixture of 80% water and 20% non-ionic surfactant Tergitol TMN-10; or 90% water, 3-8% concentrated ammonia and 2% detergent. Add about 10 parts of neutralizer per part of isocyanate, with mixing. Allow substance to evaporate.

**Methods for cleaning up** Do not direct water at spill or source of leak. Decontaminate floor with decontamination solution letting stand for at least 15 minutes.

## 6.4. Reference to other sections

**Reference to other sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Avoid breathing vapors or mists.

### 7.2. Conditions for safe storage, including any incompatibilities

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep container tightly closed and dry. Product cures with moisture.

**Incompatible materials** Water Alcohols Strong bases Strong oxidizing agents Finely powdered metals

### 7.3. Specific end use(s)

**Specific Use(s)** Sealant.

**Other information** No information available.

### 7.4. References to Other Sections

**Reference to other sections** Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Limits

Chemical name	New Zealand	Australia	European Union
Frits, chemicals 65997-18-4	TWA: 0.1 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup> TWA: 0.002 mg/m <sup>3</sup> TWA: 0.01 mg/m <sup>3</sup> TWA: 0.02 mg/m <sup>3</sup> TWA: 0.005 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup> TWA: 0.2 mg/m <sup>3</sup> TWA: 0.02 TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup> TWA 0.01 mg/m <sup>3</sup> TWA 0.5 mg/m <sup>3</sup> TWA 1 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> STEL	-
Xylenes (o-, m-, p- isomers) 1330-20-7	TWA: 50 ppm TWA: 217 mg/m <sup>3</sup>	80 ppm TWA 350 mg/m <sup>3</sup> TWA 150 ppm STEL 655 mg/m <sup>3</sup> STEL	TWA: 50 ppm TWA: 221 mg/m <sup>3</sup> STEL: 100 ppm STEL: 442 mg/m <sup>3</sup> *
Ethylbenzene	TWA: 100 ppm	100 ppm TWA	TWA: 100 ppm

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100-41-4	TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	434 mg/m <sup>3</sup> TWA 125 ppm STEL 543 mg/m <sup>3</sup> STEL	TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> *
4,4'-Methylenediphenyl diisocyanate 101-68-8	TWA: 0.02 mg/m <sup>3</sup> STEL: 0.07 mg/m <sup>3</sup>	0.02 mg/m <sup>3</sup> TWA 0.07 mg/m <sup>3</sup> STEL	-

Chemical name	ACGIH TLV	NIOSH IDLH	OSHA PEL
Frits, chemicals 65997-18-4	STEL: 10 mg/m <sup>3</sup> Zr TWA: 0.01 mg/m <sup>3</sup> As TWA: 0.05 mg/m <sup>3</sup> Pb TWA: 0.01 mg/m <sup>3</sup> Cd TWA: 0.002 mg/m <sup>3</sup> Cd respirable particulate matter TWA: 0.5 mg/m <sup>3</sup> Sb TWA: 1 mg/m <sup>3</sup> Cu dust and mist TWA: 3 mg/m <sup>3</sup> W respirable particulate matter in the absence of cobalt TWA: 5 mg/m <sup>3</sup> Zr TWA: 0.02 mg/m <sup>3</sup> Mn respirable particulate matter TWA: 0.1 mg/m <sup>3</sup> Mn inhalable particulate matter	IDLH: 5 mg/m <sup>3</sup> As IDLH: 9 mg/m <sup>3</sup> Cd dust and fume IDLH: 50 mg/m <sup>3</sup> Sb IDLH: 100 mg/m <sup>3</sup> Cu dust and mist IDLH: 500 mg/m <sup>3</sup> Mn IDLH: 25 mg/m <sup>3</sup> Zr IDLH: 100 mg/m <sup>3</sup> Pb IDLH: 10 mg/m <sup>3</sup> Ni Ceiling: 0.002 mg/m <sup>3</sup> As 15 min Ceiling: 0.05 mg/m <sup>3</sup> V dust and fume 15 min TWA: 0.5 mg/m <sup>3</sup> Sb TWA: 1 mg/m <sup>3</sup> Cu dust and mist TWA: 1 mg/m <sup>3</sup> Mn TWA: 5 mg/m <sup>3</sup> except Zirconium tetrachloride Zr TWA: 0.050 mg/m <sup>3</sup> Pb TWA: 0.015 mg/m <sup>3</sup> except Nickel carbonyl Ni STEL: 3 mg/m <sup>3</sup> Mn STEL: 10 mg/m <sup>3</sup> Zr	TWA: 10 µg/m <sup>3</sup> As TWA: 50 µg/m <sup>3</sup> Pb TWA: 0.5 mg/m <sup>3</sup> Sb TWA: 5 mg/m <sup>3</sup> Zr Ceiling: 5 mg/m <sup>3</sup> Mn
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	-	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	TWA: 20 ppm	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>
4,4'-Methylenediphenyl diisocyanate 101-68-8	TWA: 0.005 ppm	IDLH: 75 mg/m <sup>3</sup> Ceiling: 0.020 ppm 10 min Ceiling: 0.2 mg/m <sup>3</sup> 10 min TWA: 0.005 ppm TWA: 0.05 mg/m <sup>3</sup>	Ceiling: 0.02 ppm Ceiling: 0.2 mg/m <sup>3</sup>
Benzene, 1,3-diisocyanatomethyl- 26471-62-5	STEL: 0.005 ppm inhalable fraction and vapor TWA: 0.001 ppm inhalable fraction and vapor S*	-	-

**Derived No Effect Level (DNEL)**    No information available

**Predicted No Effect Concentration (PNEC)**    No information available

**OTHER INFORMATION**    Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

**8.2. Exposure controls**

**Engineering controls**    Ensure adequate ventilation, especially in confined areas.

**PPE - Personal Protection Equipment**

- Eye/face protection**    Wear safety glasses with side shields (or goggles).
- Skin and body protection**    Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
- Hand protection**    Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
- Respiratory protection**    No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
- General hygiene considerations**    Do not eat, drink or smoke when using this product. Wash hands thoroughly after

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handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental exposure controls No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Very viscous Paste
Color	Gray
Odor	Solvent
Odor threshold	No information available

Property	Values	Remarks • Method
pH	Not applicable	No data available
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	Substance does not burn but will support combustion .	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	No data available	
Water solubility	No data available	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### 9.2. Other information

Softening Point	No information available
Molecular weight	No information available
Solvent content (%)	No information available
Solid content (%)	approx. 64
Density	1.46
Bulk density	No information available
VOC Content (%)	No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity None under normal use conditions.

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization Hazardous polymerization may occur.

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## 10.4. Conditions to avoid

**Conditions to avoid** Keep from any possible contact with water. Extremes of temperature and direct sunlight. Storage near to reactive materials. Protect from moisture. Product cures with moisture.

## 10.5. Incompatible materials

**Incompatible materials** Water. Alcohols. Strong bases. Strong oxidizing agents. Finely powdered metals.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Hydrogen cyanide. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation** No data available.  
**Eye contact** No data available.  
**Skin contact** No data available.  
**Ingestion** No data available.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Frits, chemicals 65997-18-4	> 2000 mg/kg ( Rat )	-	-
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg ( Rat )	> 1700 mg/kg ( Rabbit ) > 4350 mg/kg ( Rabbit )	= >47635 mg/L ( Rat ) 4 h = >5000 ppm ( Rat ) 4 h
2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5	LD50 > 500 - < 2000 mg/kg (male) LD50 = 632 mg/kg (female) [Rat]	LD50 > 2000 mg/kg (Rat) OECD 402	> 5.05 mg/L ( Rat ) 4 h
Ammonium polyphosphate 68333-79-9	> 2000 mg/kg ( Rat )	-	-
Ethylbenzene 100-41-4	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 1432 mg/L ( Rat ) 4 h
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	= 2234 mg/kg ( Rat )	LD 50 (Rat) > 2000 mg/kg OECD 402	> 640 ppm ( Rat ) 1 h
4,4'-Methylenediphenyl diisocyanate 101-68-8	= 31600 mg/kg ( Rat ) = 9200 mg/kg ( Rat )	LD 50 > 9400 mg/kg (Rabbit) OECD 402	= 1.5 mg/L ( Rat ) 4 h
Benzene, 1,3-diisocyanatomethyl- 26471-62-5	= 3060 mg/kg ( Rat )	= 10000 mg/kg ( Rabbit )	= 0.107 mg/L ( Rat ) 4 h (Vapour)
Glycidoxypropyltrimethoxysilane 2530-83-8	= 8025 mg/kg (rat)	= 4250 mg/kg ( Rabbit )	> 5.3 mg/L ( Rat ) 4 h

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.  
**Serious eye damage/eye irritation** No information available.  
**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Target organ effects** retina, Eyes, Skin, liver, blood forming system, Central Vascular System (CVS), kidney, blood, Lungs, Lymphatic System, Nasal Cavities, Prostate.  
**Aspiration hazard** No information available.

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## Carcinogenicity

The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

Chemical name	IARC	China	Japan
Frits, chemicals	Group 1 Group 2A Group 2B	-	Group 1 Group 2B
Xylenes (o-, m-, p- isomers)	Group 3	-	-
Ethylbenzene	Group 2B	Possibly carcinogenic to humans	Group 2B
4,4'-Methylenediphenyl diisocyanate	Group 3	-	-
Benzene, 1,3-diisocyanatomethyl-	Group 2B	-	Group 2B

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

#### Product Information

Toxic to aquatic life with long lasting effects.

#### Component Information

Data obtained on the component(s) include

Chemical name	Algae/aquatic plants	Fish	Crustacea
Xylenes (o-, m-, p- isomers) 1330-20-7	-	LC50 96 h 2.6 mg/L (Oncorhynchus mykiss ) (OECD 203)	EC50 48 h = 3.4 mg/L (water flea )
2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5	EC50 (72 h) = 82 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96 h) = 51 mg/L (Pimephales promelas)	EC50 (48 h) = 131 mg/L (Daphnia magna )
Urea, N,N'-(methylenedi-4,1-phenylene) bis[N'-butyl- 77703-56-1	EC50 (72h) >100 mg/L Algae (Raphidocelis subcapitata)	LC50 (96h)>250 mg/L Fish (Brachydanio rerio)	EC50 (48h) >100 mg/L Daphnia magna
Ammonium polyphosphate 68333-79-9	-	LC50: =123mg/L (96h, Oncorhynchus mykiss) LC50: 685 - 1066mg/L (96h, Oncorhynchus mykiss) LC50: 389 - 654mg/L (96h, Pimephales promelas) LC50: >500mg/L (96h, Brachydanio rerio)	-
Ethylbenzene 100-41-4	EC50 72 h 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static)	EC50: 1.8 - 2.4mg/L (48h, Daphnia magna)
4,4'-Methylenediphenyl diisocyanate 101-68-8	-	>1000 mg/l (Danio rerio)	-
Glycidoxypropyltrimethoxysilane 2530-83-8	-	LC50 (96h) = 55 mg/L (Cyprinus carpio) OECD 203	EC50 (48h) =473 mg/L Daphnia magna

### 12.2. Persistence and degradability

No information available.

#### Component Information

##### 4,4'-Methylenediphenyl diisocyanate (101-68-8)

Method	Exposure time	Value	Results
OECD Test No. 302C: Inherent Biodegradability: Modified MITI Test (II)	28 days	0% biodegradation	Not readily biodegradable

### 12.3. Bioaccumulative potential



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There is no data for this product.

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Xylenes (o-, m-, p- isomers) 1330-20-7	3.15	15
2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5	2.68	4.6
Ethylbenzene 100-41-4	3.2	15
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	0.6	-
4,4'-Methylenediphenyl diisocyanate 101-68-8	4.51	200
Benzene, 1,3-diisocyanatomethyl- 26471-62-5	-	5

## 12.4. Mobility in soil

No information available.

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Frits, chemicals 65997-18-4	PBT assessment does not apply
Xylenes (o-, m-, p- isomers) 1330-20-7	The substance is not PBT / vPvB
2-Propanol, 1-chloro-, phosphate (3:1) 13674-84-5	The substance is not PBT / vPvB
Urea, N,N''-(methylenedi-4,1-phenylene)bis[N'-butyl- 77703-56-1	Further information relevant for the PBT assessment is necessary
Ammonium polyphosphate 68333-79-9	PBT assessment does not apply
Ethylbenzene 100-41-4	The substance is not PBT / vPvB
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	The substance is not PBT / vPvB
4,4'-Methylenediphenyl diisocyanate 101-68-8	The substance is not PBT / vPvB
Benzene, 1,3-diisocyanatomethyl- 26471-62-5	The substance is not PBT / vPvB
Glycidoxypropyltrimethoxysilane 2530-83-8	The substance is not PBT / vPvB

## 12.6. Other adverse effects

No information available.

**Endocrine Disruptor  
Information**

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## Section 14: TRANSPORT INFORMATION

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IMDG	<u>Not regulated</u>
IATA	<u>Not regulated</u>
ADR	<u>Not regulated</u>

## Section 15: REGULATORY INFORMATION

### National Regulations

ERMA Group                      HSR002671

## Section 16: OTHER INFORMATION

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

No information available

### **Key Literature References and Sources for Data**

No information available

**Prepared By**                      Product Safety & Regulatory Affairs

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**Revision note**                      Not applicable.

**Training Advice**                      No information available

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**