

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

#### 1.1. Product identifier

Product form : Mixture  
 Trade name : Altro Sanitary Sealant A802/A803/A805

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use

##### 1.2.2. Uses advised against

No additional information available

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

Altro APAC Pty Ltd  
 3 St Andrews Court,  
 Rowville,  
 VIC 3178,  
 Australia T +61 (3) 9764 6666 - F +61 (3) 9764 5655 sds@altro.com

#### 1.4. Emergency telephone number

Emergency number : Police or Fire Brigade 000+61 (3) 9764 6666 (Mon-Fri 8am to 5pm)

Country	Official advisory body	Address	Emergency number	Comment

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]  
 Not classified

Adverse physicochemical, human health and environmental effects  
 No additional information available

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH208 - Contains Methyl tris-(methyl ethyl ketoximo) silane, Tetrakis(methylethylketoximino)silane, 3-aminopropyltriethoxysilane, 3-(2-aminoethylamino)propyltrimethoxysilane. May produce an allergic reaction.  
 EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

Contains PBT/vPvB substances >= 0.1% assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Methyl tris-(methyl ethyl ketoximo) silane	(CAS-No.) 22984-54-9 (EC-No.) 245-366-4 (REACH-no) 01-2119987100-43	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373

# Altro Sanitary Sealant

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-Pentanone, O,O',O''-(methylsilylydine)trioxime	(CAS-No.) 37859-55-5 (EC Index-No.) 484-460-1 (REACH-no) 01-2120004323-76	0,1 - 2,5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 STOT RE 2, H373 Aquatic Chronic Not classified
Dodecamethylcyclohexasiloxaan substance listed as REACH Candidate (Dodecamethylcyclohexasiloxane (D6)) non-classified PBT substance non-classified vPvB substance	(CAS-No.) 540-97-6 (EC-No.) 208-762-8	0,1 - 1	Not classified

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Methyl tris-(methyl ethyl ketoximo) silane	(CAS-No.) 22984-54-9 (EC-No.) 245-366-4 (REACH-no) 01-2119987100-43	(C >= 3,755) Skin Sens. 1, H317

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Assure fresh air breathing.  
First-aid measures after skin contact : Wash skin with mild soap and water.  
First-aid measures after eye contact : Rinse immediately with water. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth out with water.

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing media allowed.

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

- Fire hazard : Not combustible.

#### 5.3. Advice for firefighters

- Precautionary measures fire : Evacuate unnecessary personnel. Exercise caution when fighting any chemical fire. Do not breathe fumes from fires or vapours from decomposition.  
Firefighting instructions : Cool down the containers exposed to heat with a water spray.  
Protection during firefighting : Wear a self contained breathing apparatus.  
Other information : Do not allow run-off from fire fighting to enter drains or water courses.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

- Protective equipment : Equip rescue crew with proper protection. Equip cleanup crew with proper protection.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

#### 6.4. Reference to other sections

No additional information available

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## Safety Data Sheet

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product. Store in a dry place. Store in a closed container.

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

No additional information available

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Hand protection:

In case of repeated or prolonged contact wear gloves. Time of penetration is to be checked with the glove producer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0,1		EN 374

Eye protection:

Type	Use	Characteristics	Standard
Safety glasses		With side shields	EN 166

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



Environmental exposure controls:

Do not allow to enter drains or water courses.

Consumer exposure controls:

Avoid contact with skin and eyes. Do not eat, drink or smoke during work. Take off immediately all contaminated clothing. Wash hands and other exposed areas with soap and water before leaving work.

### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Paste.
Colour	: According to product specification.
Odour	: characteristic.
Density	: 1 g/cm <sup>3</sup>
Solubility	: Water: Insoluble

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal use.

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
LD50 oral rat	2463 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Dodecamethylcyclohexasiloxaan (540-97-6)	
LD50 oral rat	2000 mg/kg
LD50 dermal rat	2000 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
NOAEL (animal/male, F0/P)	>= 250 mg/kg (OECD 422 method)
NOAEL (animal/female, F0/P)	>= 250 mg/kg (OECD 422 method)

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
LOAEL (oral, rat, 90 days)	50 mg/kg bodyweight/day
NOAEL (oral, rat, 90 days)	mg/kg bodyweight/day
NOAEL (subacute, oral, animal/male, 28 days)	10 mg/kg bodyweight (OECD 422 method)

Dodecamethylcyclohexasiloxaan (540-97-6)	
LOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight/day
LOAEC (inhalation, rat, gas, 90 days)	10 ppmv/6h/day

Aspiration hazard : Not classified

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
LC50 fish 1	> 120 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 fish 2	972,34 mg/l (OECD 203 method)
EC50 Daphnia 1	231,84 mg/l (OECD 202 method)
EC50 72h algae (1)	18,45 mg/l (OECD 201 method)
ErC50 (algae)	72h 94 mg/l Pseudokirchneriella subcapitata
NOEC (acute)	57,67 mg/l (OECD 204 method)
NOEC (chronic)	>= 115,34 mg/l (OECD 211 method)
NOEC chronic fish	57,67 mg/l

Dodecamethylcyclohexasiloxaan (540-97-6)	
EC50 other aquatic organisms 1	> 420 mg/l
EC50 72h algae (1)	0,002 mg/l OECD 201
NOEC chronic fish	4,4 µg/l Pimephales promelas

#### 12.2. Persistence and degradability

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
Biodegradation	28d 0 % (OECD 301A method)

#### 12.3. Bioaccumulative potential

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
Log Pow	9,83

2-Pentanone, O,O',O''-(methylsilylidyne)trioxime (37859-55-5)	
Log Pow	1,25

Dodecamethylcyclohexasiloxaan (540-97-6)	
Log Pow	8,87
Log Kow	8

#### 12.4. Mobility in soil

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	
Log Koc	5,481 EPA (Environmental Protection Agency)

2-Pentanone, O,O',O''-(methylsilylidyne)trioxime (37859-55-5)	
Surface tension	69,5 mN/m

#### 12.5. Results of PBT and vPvB assessment

Component	
Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Dodecamethylcyclohexasiloxaan (540-97-6)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Empty the packaging completely prior to disposal.

Ecology - waste materials : Do not allow into drains or water courses.

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### SECTION 14: Transport information

In accordance with ADR

<b>ADR</b>
<b>14.1. UN number</b>
Not applicable
<b>14.2. UN proper shipping name</b>
Not applicable
<b>14.3. Transport hazard class(es)</b>
Not applicable
<b>14.4. Packing group</b>
Not applicable
<b>14.5. Environmental hazards</b>
Dangerous for the environment : No
No supplementary information available
<b>14.6. Special precautions for user</b>

- Overland transport  
No data available

<b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b>
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Not applicable

### SECTION 15: Regulatory information

<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
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#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
3. 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	2-Pentanone, O,O',O''-(methylsilylidyne)trioxime - Methyl tris-(methyl ethyl ketoximo) silane
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: 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	2-Pentanone, O,O',O''-(methylsilylidyne)trioxime - Methyl tris-(methyl ethyl ketoximo) silane

Contains a substance on the REACH candidate list in concentration 0.1% or with a lower specific limit:  
Dodecamethylcyclohexasiloxane (D6) (EC 208-762-8, CAS 540-97-6)

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

<b>15.2. Chemical safety assessment</b>
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No additional information available

### SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic Not classified	Hazardous to the aquatic environment - Chronic Hazard Not classified
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH208	Contains Methyl tris-(methyl ethyl ketoximo) silane, Tetrakis(methylethylketoximino)silane, 3-aminopropyltriethoxysilane, 3-(2-aminoethylamino)propyltrimethoxysilane. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

MSDS Reach Annex II

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product