

SAFETY DATA SHEET A802/A803/A805 Altro Sanitary Sealant	Revision No: 5.1	Revision Date: 30 th August 2016	Compilation Date: 5th August 2016
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1 Product Identifier

Product name: A802/A803/A805 Altro Sanitary Sealant

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

Product type/use: Construction Sealant – professional use

1.3 Details of the supplier of the safety data sheet

Company Name: ALTRO LTD
WORKS ROAD
LETCWORTH GARDEN CITY
HERTS
SG6 1NW

Telephone: +44 (0) 1462 480480

Fax: +44 (0) 1462 480010

Email: SDS@altro.com

1.4. Emergency telephone number

Telephone: +44 (0) 1462 489269

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP): Not classified

2.2. Label elements

Label according to Regulation (EC) No 1272/2008 (CLP):

EUH Phrases

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

PBT:

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Name	Product Identifier	%	Classification according to Directive 67/548/EEC	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	1 – 5	Xi; R36/38 R43	Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373

Specific Concentration Limits

Name	Product Identifier	Specific Concentration limits: DSD / DPD	Specific Concentration Limits: CLP
Methyl tris-(methyl ethyl ketoximo) silane	(CAS No) 22984-54-9 (EC no) 245-366-4	(C ≥ 3,755) R43	(C ≥ 3,755) Skin Sens. 1, H317

Full text of R- and H- phrases see section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

Skin contact: Wash skin with mild soap and water

Eye contact: Rinse immediately with plenty of water. If eye irritation persists, seek medical advice/attention.

Ingestion: Rinse mouth.

Inhalation: Move victim to breathe fresh air.

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

Skin contact: Not expected to present a significant skin hazard under anticipated conditions of normal use
Eye contact: Direct contact with the eyes is likely to be slightly irritating
Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use
Inhalation: Not expected to present a significant hazard under anticipated conditions of normal use.

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

Immediate / special treatment: No additional information available

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: All extinguishing media allowed

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not flammable

5.3. Advice for fire-fighters

Advice for fire-fighters: No additional information available

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

For non-emergency personnel: No additional information available
For emergency responders: Equip cleanup crew with proper protection. Wear respiratory protection.

6.2. Environmental precautions

Environmental precautions: No additional information available

6.3. Methods and material for containment and cleaning up

Clean-up procedures: On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

Reference to other sections: No additional information available

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements:
Additional hazards when processed: Avoid any direct contact with the product.
Handling temperatures: 5 – 40 °C
Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in dry, well-ventilated area.
Maximum storage period: 12 months
Storage temperature: 5 – 25 °C
Suitable packaging:

7.3. Specific end use(s)

Specific end use(s): No additional information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits:

Tetramethylorthosilicate (681-84-5)		
United Kingdom	WEL TWA	6.3 mgm ⁻³ / 1 ppm
United Kingdom	WEL STEL	32 mgm ⁻³ / 5 ppm
Titanium Dioxide (13463-67-7)		
United Kingdom	WEL TWA	10 mgm ⁻³ inhalable dust 4 mgm ⁻³ respirable dust

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Silica (7631-86-9 / 112945-52-5)		
United Kingdom	WEL TWA	6 mgm ⁻³ inhalable dust 2.4 mgm ⁻³ respirable dust
Methanol (67-56-1)		
EU	IOELV TWA	260 mgm ⁻³ / 200 ppm
EU	Skin	
United Kingdom	WEL TWA	266 mgm ⁻³ / 200 ppm
United Kingdom	WEL STEL	333 mgm ⁻³ / 250 ppm

DNEL/PNEC Values

DNEL / PNEC

8.2. Exposure controls

Engineering measures:

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

Hand protection: In case of prolonged or repeated contact wear gloves

Eye protection: Safety Glasses

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



Other Information: Do not, eat, drink or smoke when using this product

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Various

Odour: Characteristic

Oxidising: No information available

Solubility in water: Insoluble

Viscosity: No information available

Boiling point/range°C: No information available

Autoflammability°C: No information available

Flash point°C: No information available

Relative density: 1.03 gml⁻¹

9.2. Other information

Other information: No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: No additional information available

10.2. Chemical stability

Chemical stability: No additional information available

10.3. Possibility of hazardous reactions

Hazardous reactions: None under normal conditions

10.4. Conditions to avoid

Conditions to avoid: No additional information available

10.5. Incompatible materials

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Materials to avoid: No additional information available

10.6. Hazardous decomposition products

Haz. decomp. products: None under normal conditions

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicity values: Not acutely toxic

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

LDSO oral rat	2463 mg/kg (OECD 401 method)
LDsO dermal rat	> 2000 mg/kg (OECD 402 method)

Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

NOAEL (chronic, oral, animal / male, 2 years)	> 692.06 mg/kg bodyweight (OECD 414 method)
NOAEL (chronic, oral, animal / female, 2 years)	> 230,69 mg/kg bodyweight (OECD 416 method)

Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

NOAEL (oral, rat, 90 days)	29 mg/kg bodyweight/day (OECD 408 method)
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Aspiration hazard : Not classified

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values:

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

LC50 fishes 1	96h > 120 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	48h 231,84 mg/l (OECD 202 method)
EC50 other aquatic organisms 1	72h 18,45 mg/l (OECD 201 method)
LC50 fish 2	96h 972,34 mg/l (OECD 203 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)

12.2. Persistence and degradability

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

Biodegradation	28d 20 % (OECD 301C method)
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12.3. Bioaccumulative potential

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

Log Pow	9.83
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12.4. Mobility in soil

Methyl tris-(methyl ethyl ketoximo) silane (22984-54-9)

Log Koc	5.481 EPA (Environmental Protection Agency)
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12.5. Results of PBT and vPvB assessment

A802/A803/A805 Altro Sanitary Sealant

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

12.6. Other adverse effects

Other adverse effects: No additional information available



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13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations: Dispose in a safe manner in accordance with local/national regulations'

14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1 UN number	:	Not regulated for transport
14.2 UN proper shipping name	:	Not applicable
14.3 Transport hazard class(es)	:	Not applicable
14.4 Packing group	:	Not applicable
14.5 Environmental hazards Dangerous for the environment	:	No
14.6 Special precautions for user	:	
14.6.1 Overland transport	:	No data available
14.6.2 Transport by sea	:	Not applicable
14.6.3 Air transport	:	Not applicable
14.6.4 Inland waterway transport	:	Not applicable
14.6.5 Rail transport	:	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	:	Not applicable

15. REGULATORY INFORMATION

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

15.1.1 EU Regulations

Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical Safety Assessment

16. OTHER INFORMATION

Other information

Full text of R-, H-, and EUH phrases

Eye Irrit, 2:	Serious eye damage / eye irritation, category 2
Skin Sens. 1:	Sensitisation – Skin, category 1
STOT RE 2:	Specific target organ toxicity – Repeated exposure, category 2
H317:	May cause an allergic skin reaction
H319:	Causes serious eye damage
H373:	May cause damage to organs through prolonged or repeated exposure
EUH20:8	Contains. May produce an allergic reaction
EUH210:	Safety data sheet available on request
R36/38:	Irritating to skin and eyes
R43:	May cause sensitisation by skin contact
X _i :	Irritant

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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