



SAFETY DATA SHEET AltroFix 365	According to: 1907/2006/EC, Article 31	Revision Date: 24/02/2017	Revision No: 7
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1 Product Identifier

Product name: AltroFix™ 365

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

No further relevant information available

Application of substance/mixture: Adhesives

1.3 Details of the supplier of the safety data sheet

Company Name: ALTRO LTD
WORKS ROAD
LETCHWORTH 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 under CHIP:

Classification under CLP: **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.

2.2. Label elements

Label elements:

Labelling according to Regulation (EC) No 1272/2008 Void

- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**

P280 Wear protective gloves / protective clothing.
P271 Use only outdoors or in a well-ventilated area.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.

- **Supplemental information:**
EUH208 Contains CIT [EC 247-500-7] : MIT [EC 220-239-6] (3:1). May produce an allergic reaction.
EUH210 Safety data sheet available on request.
- **Regulation (EC) No 528/2012 on biocidal products** Contains a biocidal product: C(M)IT/MIT (3:1)

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: Mixture of substances listed below with non-hazardous additions.
Dangerous components: Void
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

Skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

Eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Ingestion: Rinse out mouth and then drink plenty of water.
Seek immediate medical advice.

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Inhalation: Supply fresh air; consult doctor in case of complaints.

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

Skin contact: Sensitising effect by skin contact is possible by prolonged exposure.
Information for doctor: No further relevant information available
Hazards: No further relevant information available

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

Immediate / special treatment: No further relevant information available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.: Ethanoic acid

5.3. Advice for fire-fighters

Protective equipment: Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing.
Particular danger of slipping on leaked/spilled product.

6.2. Environmental precautions

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Clean the affected area carefully; suitable cleaners are: Warm water

6.4. Reference to other sections

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.
See Section 13 for disposal information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: Avoid contact with the eyes and skin.

Information about fire - and explosion protection: The product is not flammable.

7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Protect from heat and direct sunlight.

Further information about storage conditions: Protect from frost.
Storage temperature: +5 °C to +30 °C
Store in dry conditions

7.3. Specific end use(s)

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters


Workplace exposure limits: **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.

DNEL/PNEC Values

DNEL / PNEC

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8.2. Exposure controls

General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals. Do not eat or drink while working
Respiratory protection:	Use only in well-ventilated areas. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Hand protection:	 Protective gloves · Material of gloves Rubber 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 cannot be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	Safety glasses
Skin protection:	Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	Blue
Odour:	Mild
pH-value:	4-5
Initial boiling point and boiling range:	100 °C
Flash point:	Not applicable
Explosive properties:	Product does not present an explosion hazard.
Density at 20 °C:	1.03 g/cm ³
Solubility in / Miscibility with water:	Fully Miscible
Viscosity Dynamic at 20 °C:	4500 - 9500 mPas
Solvent content VOC (EU):	< 1 g/l

9.2. Other information

Other information: No further relevant information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Stable

10.2. Chemical stability

Chemical stability: **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions known.

10.4. Conditions to avoid

Conditions to avoid: No further relevant information available.

10.5. Incompatible materials

Materials to avoid: No further relevant information available.

10.6. Hazardous decomposition products

Haz. decomp. products: Possible in traces.
Ethanoic acid

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicity values: **Acute toxicity:** Based on available data, the classification criteria are not met.

Symptoms / routes of exposure

Skin corrosion/irritation **Primary irritant effect:**



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	Slight irritation possible.
Serious eye damage/irritation	Slight irritation possible.
Respiratory or skin sensitisation:	Sensitising effect by skin contact is possible by prolonged exposure.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):	Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1. Toxicity	
Ecotoxicity values:	Aquatic toxicity: No further relevant information available
12.2. Persistence and degradability	
Persistence and degradability:	Not easily biodegradable
12.3. Bioaccumulative potential	
Bioaccumulative potential:	No further relevant information available.
12.4. Mobility in soil	
Mobility:	No further relevant information available.
Additional ecological information:	General notes: Generally not hazardous for water
12.5. Results of PBT and vPvB assessment	
PBT identification:	PBT: Not applicable. vPvB: Not applicable
12.6. Other adverse effects	
Other adverse effects:	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
Disposal operations:	Recommendation: Disposal must be made according to official regulations.
European waste catalogue	Waste disposal key: UK (WM3) : n/a
Uncleaned packaging	08 04 14 : aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
Recommended cleansing agents::	Recommendation: Dispose of packaging according to regulations on the disposal of packagings. Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
14.4 Packing group · ADR, 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

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UN "Model Regulation": Void

15. REGULATORY INFORMATION

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

"CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).

"REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).

"BPR" Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

Regulation (EU) 2016/131 of 1 February 2016 approving C(M)IT/MIT (3:1) as an existing active substance for use in biocidal products for product-types 2, 4, 6, 11, 12 and 13.

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials, Annex II:**

No further relevant information available.

· **Information about limitation of use:** No further relevant information available.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57** Not applicable.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Other information

Other information:
Abbreviations and acronyms:

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.

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

· * **Data compared to the previous version altered.**