

## Delta D209 TRU-FLEX FDA25 Clean Room Sealant

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

#### 1.1. Product identifier

Product name: D209 TRU-FLEX FDA25 Clean Room Sealant

Product code: D209

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

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

Company name: Delta Adhesives Limited  
Units 39-40  
Claycliffe Business Park  
Cannon Way, Barugh Green  
Barnsley  
South Yorkshire  
S75 1JU

Tel: +44 (0) 1226 381571

Fax: +44 (0) 1226 381722

Email: [info@delta-adhesives.co.uk](mailto:info@delta-adhesives.co.uk)

#### 1.4. Emergency telephone number

Emergency tel: +44 1226 381 571 (office hours only)

### Section 2: Hazards identification

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

Classification under CHIP: -: R52/53

Classification under CLP: Aquatic Chronic 3: H412; -: EUH208

Most important adverse effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains amical 48. May produce an allergic reaction.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P273: Avoid release to the environment.

P501: Dispose of contents to in line with local requirements.

Label elements under CHIP:

Hazard symbols: Symbol not required.

Risk phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S29: Do not empty into drains.

Precautionary phrases: Contains amical 48. May produce an allergic reaction.

### 2.3. Other hazards

PBT: This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients:

BIS (ETHYL ACETOACETATO-O(1)-O(3)-) BIS(2-METHYLPROPAN-1-OLATO)TITANIUM

EINECS	CAS	CHIP Classification	CLP Classification	Percent
281-161-6	83877-91-2	-: R10; Xi: R36/38	-	1-10%

AMICAL 48

-	-	T: R23; Xi: R41; Sens.: R43; N: R50/53	-	<1%
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METHANOL - REACH registered number(s): 01-2119433307-44-XXXX

200-659-6	67-56-1	F: R11; T: R23/24/25; T: R39/23/24/25	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

Exposure hazards: In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

## 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

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

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 6.4. Reference to other sections

## Section 7: Handling and storage

## 7.1. Precautions for safe handling

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

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

## 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

## 8.1. Control parameters

Hazardous ingredients:

METHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	266 mg/m <sup>3</sup>	333 mg/m <sup>3</sup>	-	-

## 8.1. DNEL/PNEC Values

DNEL / PNEC: No data available.

**8.2. Exposure controls**

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Ensure eye bath is to hand.

Skin protection: Protective clothing.

**Section 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

State: Paste

Colour: White

Odour: Sweet-smelling

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Flash point°C: >100°C

Relative density: ~1.4

VOC g/l: 21.8

**9.2. Other information**

Other information: No data available.

**Section 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

Chemical stability: Stable under normal conditions.

**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

Conditions to avoid: Heat. Moist air. Humidity.

**10.5. Incompatible materials**

Materials to avoid: Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

Haz. decomp. products: In combustion emits toxic fumes.

**Section 11: Toxicological information****11.1. Information on toxicological effects**

Hazardous ingredients:

METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

Toxicity values: No data available.

**Symptoms / routes of exposure**

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

**Section 12: Ecological information****12.1. Toxicity**

Ecotoxicity values: No data available.

**12.2. Persistence and degradability**

Persistence and degradability: No data available.

**12.3. Bioaccumulative potential**

Bioaccumulative potential: No bioaccumulation potential.

**12.4. Mobility in soil**

Mobility: Non-volatile.

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

PBT identification: This product is not identified as a PBT substance.

**12.6. Other adverse effects**

Other adverse effects: Harmful to aquatic organisms.

**Section 13: Disposal considerations****13.1. Waste treatment methods**

Disposal operations: Dispose of according to local or national legislation

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

Transport class: This product does not require a classification for transport.

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment**

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information****Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

R11: Highly flammable.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R23: Toxic by inhalation.

R36/38: Irritating to eyes and skin.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.