

**1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY**

Product Name: Doric Universal Adhesive for Silicones  
Product Code: 0075

Application: Dental Tray Adhesive

Company: Davis Schottlander & Davis Ltd  
Fifth Avenue, Letchworth Garden City,  
Herts SG6 2WD UK  
Tel: +44 (0)1462 480848 Fax: +44 (0)1462 482802  
[msds@schottlander.co.uk](mailto:msds@schottlander.co.uk) [www.schottlander.com](http://www.schottlander.com)

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**2. HAZARD IDENTIFICATION****Classification of the substance or mixture:****Regulation (EC) No. 1272/2008**Hazard categories:

Flammable liquid: Flam. Liq 2

Skin corrosion/irritation: Skin Irrit. 2

Reproductive toxicity: Repr. 2

Specific target organ toxicity – single exposure: STOT SE 3

Specific target organ toxicity – repeated exposure: STOT RE 2

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Highly flammable liquid and vapour

May be fatal if swallowed and enters airways

Causes skin irritation

May cause drowsiness or dizziness

Suspected of damaging fertility

May cause damage to organs through prolonged or repeated exposure

Toxic to aquatic life with long lasting effects

**Label elements:****Regulation (EC) No. 1272/2008**

Signal word: Danger

Pictograms:

**Hazard statements:**

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.

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H361f Suspected of damaging fertility.  
H304 May be fatal if swallowed and enters airways.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Additional advice on labelling

Do not breathe vapour

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Mixtures

#### Chemical characterisation:

Chemical characterisation (preparation): Silicon, Petroleum distillate.

#### Hazardous components

CAS No.	Component	Classification
110 54 3	n-hexane	Flam. Liq. 2, Repr. 2, Asp. Tox. 1, STOT RE 2, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2; H225 H361f *** H304 H373 ** H315 H336 H411

Full text of H and EUH statements: See section 16.

## 4. FIRST AID MEASURES

### After inhalation:

Move victim to fresh air. Put victim at rest and keep warm.

### After contact with skin:

After contact with skin, wash immediately with: Water and soap. Change contaminated clothing.

### After contact with eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### After ingestion:

Call a physician immediately.

## 5. FIRE FIGHTING MEASURES

### Extinguishing media:

Extinguishing Powder, Foam, Carbon Dioxide(CO2) and sand.

### Unsuitable extinguishing media:

High power water jet

### Additional Information:

Highly flammable. Formation of explosive mixtures with: Air.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Keep away from sources of ignition - No smoking.

### Environmental precautions:

Do not allow to enter into surface water or drains.

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## Methods and material for containment and cleaning up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling:** Keep container tightly closed. Avoid contact with eyes. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Use explosion-proof machinery, apparatus, ventilation facilities, tools

**Further information on handling:** Wear suitable protective clothing and gloves.

### Conditions for safe storage, including any incompatibilities:

**Requirements for storage rooms and vessels** - Keep container tightly closed in a cool, well-ventilated place. Store only in original container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters:

#### Exposure limits (EH40)

CAS No.	Substance	ppm	mg/m <sup>3</sup>	Fibres/ml	Category	Origin
110-54-3	n-Hexane	20	72		TWA (8h)	WEL
		-	-			

Additional advice on limit values

Exposure limit values: MAK: 50 ppm ( n-hexane:: 20 ml/m<sup>3</sup>; 72 mg/m<sup>3</sup>)

Reproduction toxicity:

### Exposure controls:



### Appropriate engineering controls:

Ensure adequate ventilation of the storage area.

### Protective and hygiene measures:

When using do not eat or drink.

### Eye/face protection:

Tightly sealed safety glasses.

### Hand protection:

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

### Respiratory protection:

The following must be prevented: inhalation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Blue liquid

**Colour:** Blue

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**Boiling point °C:** approx 60°C  
**Flash point °C:** Mixture not tested  
**Explosive properties:** 0.8 – 8.0 Vol %  
**Water solubility:** Insoluble  
**Odour:** Characteristic  
**Ignition Temperature:** >260°C  
**pH- value:** Not applicable  
**Density:** 0.8g/cm<sup>3</sup>

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** Heat, Light. Remove all sources of ignition  
**Hazardous decomposition products:** In case of fire may be liberated: Carbon monoxide

## 11. TOXICOLOGY INFORMATION

**Information on toxicological effects:**

**Acute toxicity:** LD50: Rat. 2000 mg/kg

**Irritation & corrosivity:** Irritating to eyes, respiratory system and skin.

## 12. ECOLOGICAL INFORMATION

**Toxicity:**

Preparation not tested. Harmful to aquatic organisms.

CAS No.	Chemical name		Dose		[h]   [d]	Species	Source	Method
110-54-3	n-hexane							
	Acute fish toxicity	LC50	2,5 mg/l	96 h		Pimephales promelas	Geiger et al. 1990	

**Persistence and degradability:**

Preparation not tested.

**Bioaccumulative potential:**

Partition coefficient n-octanol/water

CAS No.	Chemical name	Log Pow
110-54-3	n-Hexane	3.9

**Further information:**

Do not allow to enter into surface water or drains. Leakage into the environment must be prevented.

## 13. DISPOSAL CONSIDERATIONS

By waste contractor in landfill or incinerator in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**Land transport (ADR/RID)**

UN number: 1268  
UN proper shipping name: Petroleum Distillates, N.O.S  
Transport hazard class(es): 3  
Packing group: II

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Hazard label: 3



Classification code: F1  
Special provisions: 640D  
Limited quantity: 1L  
Transport category: 2  
Hazard No. 33

Tunnel restriction code: D/E  
Other applicable information (land transport)  
E2

## Marine transport

UN number: 1268

UN proper shipping name: . PETROLEUM DISTILLATES, N.O.S.  
Transport hazard class(es): 3  
Packing group: II  
Hazard label: 3



Special provisions: -  
Limited quantity: 1L  
EmS: F-E, S-E  
Other applicable information (marine transport)  
E2

## Air transport

UN/ID number: 1268  
UN proper shipping name: . PETROLEUM DISTILLATES, N.O.S.  
Transport hazard class(es): 3  
Packing group: II  
Hazard label: 3



Limited quantity passenger: 1L  
IATA-packing instructions – Passenger: 353  
IATA-max quantity – Passenger: 5L  
IATA-packing instructions – Cargo: 364  
IATA-max quantity – Cargo: 60L  
Other applicable information (air transport)  
E2  
:Y341

## Environmental hazards

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Dangerous for the environment: Yes



## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**National regulatory information:**

Water contaminating class (D)                      1 – slightly water contaminating

## 16. FURTHER INFORMATION

**Full text of H-Statements referred to under Sections 2 and 3**

- H225      Highly flammable liquid and vapour.
- H304      May be fatal if swallowed and enters the airways.
- H315      Causes skin irritation.
- H336      May cause drowsiness or dizziness.
- H361f     Suspected of damaging fertility.
- H373      May cause damage to organs through prolonged or repeated exposure.
- H411      Toxic to aquatic life with long lasting effects.

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.