

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**DMG Tray Adhesive**

Revision date: 15.04.2021

Product code: 6010

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

DMG Tray Adhesive

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Reserved for industrial and professional use.

**Uses advised against**

pregnant or breastfeeding people should not work with hazardous substances

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

Company name:	DMG Chemisch-Pharmazeutische Fabrik GmbH	
Street:	Elbgaustraße 248	
Place:	D-22547 Hamburg	
Telephone:	+49. (0) 40. 84006-0	Telefax: +49. (0) 40. 84006-222
e-mail:	info@dmg-dental.com	
Internet:	www.dmg-dental.com	

**SECTION 2: Hazards identification****2.1. 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.

**2.2. 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.
H361f	Suspected of damaging fertility.

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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/hearing protection.

**Additional advice on labelling**

Do not breathe vapour.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

chemical characterization (preparation): Silicon, Petroleum distillate.

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
110-54-3	n-hexane			< 70 %
	203-777-6	601-037-00-0		
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H373 H304 H411			

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

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
110-54-3	203-777-6	n-hexane	< 70 %
	STOT RE 2; H373: >= 5 - 100		

**SECTION 4: First aid measures****4.1. Description of 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.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

High power water jet.

**Additional information**

Highly flammable. Formation of explosive mixtures with: Air.

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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

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

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****Other information**

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

**SECTION 7: Handling and storage****7.1. 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 etc.

**Advice on general occupational hygiene**

When using do not eat or drink.

**Further information on handling**

Wear suitable protective clothing and gloves.

**7.2. 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.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

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

**Biological limit values**

CAS No	Substance	Parameter	Value	Test material	Sampling time
110-54-3	Hexane	2,5-Hexanedion	0.4 mg/L	Urine	End of shift at end of workweek

**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:

**8.2. Exposure controls**

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**Appropriate engineering controls**

Ensure adequate ventilation of the storage area.

**Individual protection measures, such as personal protective equipment****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.

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

Physical state:	liquid
Colour:	blue
Odour:	characteristic
Boiling point or initial boiling point and boiling range:	> 60 °C
Flash point:	Mixture not tested.
Auto-ignition temperature:	> 260 °C
pH-Value:	not applicable
Water solubility:	insoluble
Density:	0,8 g/cm <sup>3</sup>
Explosive properties	
0,8 - 8,0 Vol. %	
point of decomposition:	

**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

heat. Light. Remove all sources of ignition.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Carbon monoxide

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

LD50: Rat 2000 mg/kg

**Irritation and corrosivity**

Irritating to eyes, respiratory system and skin.

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

Preparation not tested.

Harmful to aquatic organisms.

CAS No	Chemical name					
	Aquatic toxicity	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

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**12.2. Persistence and degradability**

Preparation not tested.

**12.3. Bioaccumulative potential****Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
110-54-3	n-hexane	3,9

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Further information**

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

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Carry out a burning of hazardous waste according to official regulations.

**List of Wastes Code - residues/unused products**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

**List of Wastes Code - used product**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 1268
<b>14.2. UN proper shipping name:</b>	PETROLEUM DISTILLATES, N.O.S.
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3



Classification code:	F1
Special Provisions:	640D
Limited quantity:	1 L
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

**Other applicable information (land transport)**

E2

**Marine transport (IMDG)**

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**14.1. UN number or ID number:** UN 1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Special Provisions: -  
 Limited quantity: 1 L  
 EmS: F-E, S-E

**Other applicable information (marine transport)**  
 E2

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 1268  
**14.2. UN proper shipping name:** PETROLEUM DISTILLATES, N.O.S.  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Limited quantity Passenger: 1 L  
 IATA-packing instructions - Passenger: 353  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 364  
 IATA-max. quantity - Cargo: 60 L

**Other applicable information (air transport)**

E2  
 : Y341

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: Yes

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):  
 Entry 3, Entry 40, Entry 75

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**SECTION 16: Other information****Relevant H and EUH statements (number and full text)**

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**Further Information**

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*