Substance number: 13601

Version: 1 / GB Replaces Version: - / GB Date revised: 23.06.2023 Print date: 23.06.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Odontosil 50 Comp. A

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

Use of the substance/preparation

Addition curing silicone for the production of orthodontic elastopositioners

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.com person responsible for this SDS

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

No special hazards have to be mentioned.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Substance number: 13601

Version: 1 / GB Replaces Version: - / GB Date revised: 23.06.2023 Print date: 23.06.2023

Addition-vulcanising 2-component silicone

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures required

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO2, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

Substance number: 13601

Version: 1 / GB Replaces Version: - / GB Date revised: 23.06.2023

Print date: 23.06.2023

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

- **6.3. Methods and material for containment and cleaning up** Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.
- 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Avoid contact with eyes.

Respiratory protection

Not necessary.

Hand protection

Not necessary.

Eye protection

rade name: Odontosil 50 Comp. A	4		
Substance number: 13601	Version: 1 /	CP	Data raviande 22.06.20
Substance number. 13601			Date revised: 23.06.20
	Replaces V	ersion: - / GB	Print date: 23.06.20
Not necessary.			
Body protection			
Clothing as usual in the ch	emical industry.		
-	-		
SECTIO	N 9: Physical and	d chemical prop	erties
9.1. Information on basic pl	nysical and chemic	al properties	
Physical state	liquid, viscous		
Colour	clear, transparent		
Odour	characteristic		
Melting point			
Remarks	not determined		
Freezing point			
Remarks	not determined		
Boiling point or initial boi	•••		
Value	> 300	°C	
Flammability			
evaluation	not determined		
Upper and lower explosiv			
Remarks	not determined		
Flash point			
Value	> 160	°C	
Method	closed cup		
Ignition temperature			
Remarks	not determined		
Decomposition temperatu			
Remarks	not determined		
pH value			
Remarks	not determined		
Viscosity			
Remarks	not determined		
Solubility(ies)			
Remarks	not determined		
Partition coefficient n-oct	anol/water (log value	2)	
Remarks	not determined		
Vapour pressure			
Remarks	not determined		
Density and/or relative de	ensity		
Value	1,08	g/cm	1 ³
Temperature	20	°C	
Relative vapour density			
Remarks	not determined		
9.2. Other information			

Trade name: Odontosil 50 Comp. A

Trade fiame. Odomosii 50° Odinp. A		
Substance number: 13601	Version: 1 / GB	Date revised: 23.06.2023
	Replaces Version: - / GB	Print date: 23.06.2023
Remarks	not determined	
Evaporation rate (ether = 1) :		
Remarks	not determined	
Solubility in water		
Remarks	virtually insoluble	
Explosive properties		
evaluation	not determined	
Oxidising properties		
Remarks	not determined	
Other information		
None known		

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions No hazardous reactions known.

10.4. Conditions to avoid No hazardous reactions known.

10.5. Incompatible materials None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute oral toxicity			
Remarks	Based on available data, the classification criteria are not met.		
Acute dermal toxicity			
Remarks	Based on available data, the classification criteria are not met.		
Acute inhalational toxicity			
Remarks	Based on available data, the classification criteria are not met.		
Skin corrosion/irritation			
Remarks	Based on available data, the classification criteria are not met.		
Serious eye damage/irritati			
Remarks	Based on available data, the classification criteria are not met.		
Sensitization			
Remarks	Based on available data, the classification criteria are not met.		

Trade name: Odontosil 50 Comp. A

Substance number: 13601



Date revised: 23.06.2023 Print date: 23.06.2023

	Replaces Version: - / GB	Print date: 23.06.2023
Cubecute cubebranic ch		
Subacute, subchronic, ch Remarks	not determined	
Mutagenicity		
Remarks	Based on available data, the classification crite	eria are not met.
Reproductive toxicity		
Remarks	Based on available data, the classification crite	eria are not met.
Carcinogenicity	Deceden sucilable data the closeffication with	
Remarks Specific Target Organ Tox	Based on available data, the classification crite	ena are not met.
Single exposure Remarks	Based on available data, the classification crite	eria are not met.
Repeated exposure		
Remarks	Based on available data, the classification crite	eria are not met.
Aspiration hazard		
	e classification criteria are not met.	
11.2 Information on other ha	azards	
	perties with respect to humans	
	ave endocrine disrupting properties with respect to) humans.
Other information No toxicological data are av	vailable	
-	CTION 12: Ecological information	
-		
SEC		
SEC 12.1. Toxicity General information	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degra	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degra General information	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degrate General information not determined 12.3. Bioaccumulative potertion General information	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degra General information not determined 12.3. Bioaccumulative poter General information not determined	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degrate General information not determined 12.3. Bioaccumulative potertion General information	CTION 12: Ecological information	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degrate General information not determined 12.3. Bioaccumulative poter General information not determined Partition coefficient n-octa	CTION 12: Ecological information adability ntial	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degra General information not determined 12.3. Bioaccumulative poter General information not determined Partition coefficient n-octa Remarks	CTION 12: Ecological information adability ntial	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degrat General information not determined 12.3. Bioaccumulative poter General information not determined Partition coefficient n-octa Remarks 12.4. Mobility in soil	CTION 12: Ecological information adability ntial	
SEC 12.1. Toxicity General information not determined 12.2. Persistence and degrate General information not determined 12.3. Bioaccumulative poter General information not determined Partition coefficient n-octate Remarks 12.4. Mobility in soil General information	adability ntial anol/water (log value) not determined	
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SEC 12.1. Toxicity General information not determined 12.2. Persistence and degrat General information not determined 12.3. Bioaccumulative poter General information not determined Partition coefficient n-octa Remarks 12.4. Mobility in soil General information not determined 12.5. Results of PBT and vP General information	Adability ntial anol/water (log value) not determined	

Version: 1 / GB

Trade name: Odontosil 50 Comp. A

Substance number: 13601

Version: 1 / GB Replaces Version: - / GB

Date revised: 23.06.2023 Print date: 23.06.2023

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Must not be disposed together with household garbage. Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.



Substance number: 13601

Version: 1 / GB

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Date revised: 23.06.2023

Print date: 23.06.2023

SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Substance number: 13602

Version: 1 / GB

Replaces Version: - / GB

Date revised: 23.06.2023 Print date: 23.06.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Odontosil 50 Comp. B

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

Use of the substance/preparation

Addition curing silicone for the production of orthodontic elastopositioners

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.com person responsible for this SDS

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

No special hazards have to be mentioned.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Substance number: 13602

Version: 1 / GB Replaces Version: - / GB Date revised: 23.06.2023 Print date: 23.06.2023

Addition-vulcanising 2-component silicone

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures required

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO2, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

Substance number: 13602

Version: 1 / GB Replaces Version: - / GB Date revised: 23.06.2023

Print date: 23.06.2023

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Avoid contact with eyes.

Respiratory protection

Not necessary.

Hand protection

Not necessary.

Eye protection

Not necessary. Body protection Clothing as usual in the chemical industry. SECTION 9: Physical 9.1. Information on basic physical and c Physical state liquid, visc Colour clear, tran Odour characteri Melting point I Remarks not determ Boiling point or initial boiling point and Value Value > 30 Flammability evaluation not determ Remarks not determ Flash point not determ	cal and chemical properties scous ansparent pristic rmined d boiling range 300 °C rmined rmined 160 °C
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Clothing as usual in the chemical industry. SECTION 9: Physical 9.1. Information on basic physical and c Physical state liquid, viso Colour clear, tran Odour characteri Melting point Remarks not determ Freezing point Remarks not determ Boiling point or initial boiling point and Value > 30 Flammability evaluation not determ Upper and lower explosive limits Remarks not determ Flash point Value > 16 Method closed cup Ignition temperature	cal and chemical properties scous ansparent pristic rmined d boiling range 300 °C rmined rmined 160 °C
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9.1. Information on basic physical and c Physical state liquid, viso Colour clear, tran Odour characteri Melting point characteri Melting point not determ Freezing point remarks Remarks not determ Boiling point or initial boiling point and Value > 30 Flammability evaluation not determ Upper and lower explosive limits Remarks not determ Flash point value > 16 Value > 16 Method closed cup Ignition temperature Ignition temperature Ignition temperature	chemical properties scous ansparent pristic rmined d boiling range 300 °C rmined rmined
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Flash point Value > 16 Method closed cup Ignition temperature	160 °C
Value > 16 Method closed cup Ignition temperature	
Method closed cup Ignition temperature	
Ignition temperature	UD
Remarks not detern	
	rmined
Decomposition temperature	
Remarks not detern	rmined
pH value	
Remarks not detern	rmined
Viscosity	
Remarks not detern	rminea
Solubility(ies)	
Remarks not determ	
Partition coefficient n-octanol/water (lo	•
Remarks not detern	rmined
Vapour pressure	
Remarks not detern	rminea
Density and/or relative density	
	1,08 g/cm³ 20 °C
	20 0
Relative vapour density Remarks not determ	rminod
9.2. Other information	

Trade name: Odontosil 50 Comp. B

Substance number: 13602	Version: 1 / GB	Date revised: 23.06.2023
	Replaces Version: - / GB	Print date: 23.06.2023
Remarks	not determined	
Evaporation rate (ether = 1) :		
Remarks	not determined	
Solubility in water		
Remarks	virtually insoluble	
Explosive properties		
evaluation	not determined	
Oxidising properties		
Remarks	not determined	
Other information		
None known		

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions No hazardous reactions known.

10.4. Conditions to avoid No hazardous reactions known.

10.5. Incompatible materials None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008			
Acute oral toxicity			
Remarks	Based on available data, the classification criteria are not met.		
Acute dermal toxicity			
Remarks	Based on available data, the classification criteria are not met.		
Acute inhalational toxicity			
Remarks	Based on available data, the classification criteria are not met.		
Skin corrosion/irritation			
Remarks	Based on available data, the classification criteria are not met.		
Serious eye damage/irritati			
Remarks	Based on available data, the classification criteria are not met.		
Sensitization			
Remarks	Based on available data, the classification criteria are not met.		

	with regulation (EC) No 1907/2006	
Trade name: Odontosil 50 Comp.		
Substance number: 13602	Version: 1 / GB	Date revised: 23.06.20
	Replaces Version: - / GB	Print date: 23.06.20
Subacute, subchronic, c	hronic toxicity	
Remarks	not determined	
Mutagenicity		
Remarks	Based on available data, the classification cri	teria are not met.
Reproductive toxicity		
Remarks	Based on available data, the classification cri	teria are not met.
Carcinogenicity		
Remarks	Based on available data, the classification cri	teria are not met.
Specific Target Organ To	oxicity (STOT)	
Single exposure		
Remarks	Based on available data, the classification cri	teria are not met.
Repeated exposure	Deced on evailable data the electricities are	taria ara nat mat
Remarks	Based on available data, the classification cri	teria are not met.
Aspiration hazard	the classification criteria are not met.	
SE	CTION 12: Ecological information	า
12.1. Toxicity		
General information not determined		
not determined	radability	
not determined	radability	
not determined 12.2. Persistence and degr General information not determined		
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not determined 12.2. Persistence and degr General information not determined 12.3. Bioaccumulative pote General information not determined Partition coefficient n-oc Remarks	ential ctanol/water (log value)	
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The Substance does not meet PBT-criteria.

Trade name: Odontosil 50 Comp. B

Substance number: 13602

Version: 1 / GB Replaces Version: - / GB

Date revised: 23.06.2023 Print date: 23.06.2023

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Must not be disposed together with household garbage. Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.



Substance number: 13602

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SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.