

Safety Data Sheets

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, amended according to Regulation (EU) No 2020/878

Hexagon socket srew
Article no.: No. 98033

Revised on: 14.05.2024

Version: 2.0 Replaced version:1.0



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

1.1	Product identifier	Hexagon socket srew Article no.:98033
1.2	Relevant identified uses of the substance or mixture and uses which are not recommended	
1.2.1	Relevant uses medical device:	Fastening parts for thermoforming rails
1.2.2	Uses that are not recommended:	None known
1.3	Details of the supplier providing the safety data sheet	Dr. Hinz Dental Vertriebsgesellschaft mbH & Co. KG Friedrich der Große 64 44628 Herne GERMANY Phone: + 49 (0) 23 23 / 59 34 20 Fax : + 49 (0) 23 23 / 59 34 29 E-Mail: qm@dhug.de
1.4	Emergency number	Contact: Dr. P. Hinz Phone: + 49 17 51 83 41 34

SECTION 2: Possible dangers

2.1	Classification of the substance or mixture	According to EC directives not subject to labeling for handling.
2.1.1	Classification according to (EC) Regulation 1272/2008 as amended.	Not classified
2.2	Labelling elements Additional information:	Not applicable No data available
2.3	Other dangers	There are no data available

SECTION 3: Composition / Information on ingredients

3.1	Chemical characterisation	Chrome-nickel/steel, material 1.4305			
3.1.1	Dangerous ingredients	Not subject to declaration			
		Artikel	Deutsch	English	Material
		98029	Teleskop HF 9	Telescopes HF 9	A, B, C
		98029	Teleskop HF 9	Telescopes HF 9	A, B

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		98030	Teleskop HF 15	Telescopes HF 15	A, B, C			
		98030	Teleskop HF 15	Telescopes HF 15	A, B			
Material								
A	Edelstahl / Stainless Steel 1.4301							
	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Sonstige / Others
	≤0,07	≤ 1,0	≤2,0	≤ 0,045	≤0,030	17,5 – 19,5	8,0 – 10,5	N ≤ 0,11
B	Edelstahl / Stainless Steel 1.4305							
	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Sonstige / Others
	≤ 0,10	≤ 1,0	≤ 2,0	≤0,045	≤0,15 – 0,35	17,0 – 19,0	8,0 – 10,0	Cu ≤ 1,0; N≤ 0,11
Material	Deutsch	English						
C	Polyamid	Polyamide						

Section 4: First aid measures

4.1	Description of the first aid measures	
	General notes	No action should be taken that involves personal risk or has not been adequately trained.
	Inhalation:	No special measures required
	Eye contact:	No special measures required
	Skin contact:	No special measures required
	Ingestion:	No special measures required
4.2	Most important symptoms and effects, both acute and delayed:	No special measures required
4.3	Indications for immediate medical help or special treatment	
	Dangers:	This product is not expected to be harmful under normal use and proper personal hygiene.
	Treatment:	Do NOT induce vomiting if swallowed. Administer a glass of water.

SECTION 5: Fire-fighting measures

5.1	General fire hazards	Not applicable
	Extinguishing agent Suitable extinguishing media	Not applicable

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	Unsuitable extinguishing media:	Not applicable
5.2	Special hazards arising from the substance or mixture:	Not applicable
5.3	Advice for firefighters Advice for firefighters:	Not applicable
	Special protective equipment for fire fighting:	Not applicable

SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures:	Not applicable
6.2	Environmental protection measures:	Not applicable
6.3	Methods and material for retention and cleaning:	Not applicable
6.4	Reference to other sections:	Not applicable

Section 7: Handling and storage:

7.1	Protective measures for safe handling:	No special measures required
	Notes on fire and explosion protection:	No special measures required
7.2	Conditions for safe storage taking into account incompatibilities:	No special measures required
	Storage stability:	No special measures required
	Storage class:	No special measures required
7.3	Specific end uses:	No special measures required

SECTION 8: Exposure controls/personal protective equipment

8.1	Parameters to be monitored Occupational exposure limit values	not required
	Biological limit values	Not applicable

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8.2	Exposure controls Suitable engineering controls:	not required
	Individual protective measures, for example personal protective equipment	
	General information:	not required
	Eye/face protection:	not required
	Skin protection	not required
	Hand protection:	not required
	Other:	not required
	Respiratory protection:	not required
	Hygiene measures:	not required
Limitation and monitoring of environmental exposure:	not required	

SECTION 9: Physical and chemical properties

9.1	Information on the basic physical and chemical properties	
	Parameter	Wert
	State of aggregation	Solid material
	Colour	silver gray, metallic
	Smell	odorless
	Melting point/freezing point	1400-1550 °C (depending on steel grade)
	Boiling point or initial boiling point and boiling range	There are no data available.
	Flammability	There are no data available.
	Lower explosion limit upper explosion limit	There are no data available.
	Flash point	There are no data available.
	Ignition temperature	There are no data available.
	Decomposition temperature	inapplicable
	pH value	inapplicable
	Kinematic viscosity	There are no data available.
	Solubility	Non soluble
	Partition coefficient n-octanol/water (log value)	There are no data available.
	Vapour pressure	There are no data available.
	Density and/or specific gravity	7.7 - 8.1 g / cm ³ (depending on steel grade)none
Relative vapour density	There are no data available.	
Particle properties	There are no data available.	
9.2.	Other information Bulk density: approx. 0.600 g/cm ³	

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SECTION 10: Stability and reactivity

10.1	Reactivity	There are no data available.
10.2	Chemical stability	The material is stable under normal conditions
10.3	Possibility of hazardous reactions	None known.
10.4	Conditions to avoid	None known.
10.5	Incompatible materials	None known.
10.6	Decomposition products	None known.

SECTION 11: Toxicological data

11.1	Information on hazard classes within the meaning of Regulation (EC) No 1272/2008	
	acute toxicity	There are no data available
	Corrosive/irritant effect on the skin	There are no data available
	Serious eye damage/irritation	There are no data available
	Sensitisation of the respiratory tract/skin	There are no data available
	Germ cell mutagenicity	There are no data available
	Carcinogenicity	There are no data available
	Reproductive toxicity	There are no data available
	Specific target organ toxicity at single exposure	There are no data available
	Specific target organ toxicity in case of repeated exposure	There are no data available
	Aspiration hazard	There are no data available
11.2	Information on other hazards	There are no data available
11.2.1	Endocrine disrupting properties	There are no data available
11.2.2	Other information	There are no data available

SECTION 12. Environmental information

12.1	Toxicity	There are no data available
12.2	Persistence and degradability	There are no data available
12.3	Bioaccumulative potential	There are no data available

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12.4	Mobility in soil	There are no data available
12.5	Results of the PBT and vPvB assessment	There are no data available
12.6	Endocrine disrupting properties	There are no data available
12.7	Other adverse effects	There are no data available

SECTION 13: Disposal instructions

13.1	Waste treatment process	
	General information	Check possibility of recycling. May be disposed of as household waste or incinerated in a suitable incinerator in accordance with local regulations. Uncleaned packaging: Empty packaging completely.
	Disposal methods	There are no data available

SECTION 14: Transport information

14.1	ADR	Not a hazardous material.
14.2	ADN	Not a hazardous material.
14.3	RID	Not a hazardous material.
14.4	IMDG	Not a hazardous material.
14.5	IATA	Not a hazardous material.
14.6	Special precautions for the user:	Not a hazardous material.
14.7	Carriage in bulk in accordance with Annex II of the MARPOL Convention and the IBC Code:	Not a hazardous material.

SECTION 15: Legislation

15.1	Safety, health and environmental regulations/specific legislation for the substance or mixture:	
	EU regulations	
	Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled substances:	none
	Regulation (EU) 2019/1021 on persistent organic pollutants (new edition), as amended:	none
	Regulation (EC) No 649/2012 on the export and import of dangerous chemicals:	none
	Regulation (EC) No 1907/2006, REACH Annex XIV List of substances subject to authorisation, as amended:	none

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	EU. REACH Candidate List of Substances of Very High Concern (SVHC) for authorisation:	none
	Regulation (EC) No 1907/2006 Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles :	none
	Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work...:	none
	Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding:	none
	Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances:	none
	REGULATION (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register, ANNEX II: Pollutants	none
	Directive 98/24/EU on the protection of workers from the risks related to chemical agents at work:	none
	National regulations	
	Water hazard class	none
	Reference to Technical Rules for Hazardous Substances (TRGS)	none
	VOC Directive (1999/13/EC) and the Decopaint Directive (2004/42/EC)	none
	Other regulations	none
15.2	Chemical safety assessment	No chemical safety assessment has been carried out.

SECTION 16: Other information

16.1	Information on the revision	Not relevant.
	Important literature references and data sources:	There are no data available.
	Training information:	There are no data available.
	Disclaimer:	More information To the best of our knowledge, the information in this safety data sheet corresponds to our knowledge at the time of revision. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. Insofar as the product named in this safety data sheet is mixed, blended or processed with other materials, or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.

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