Screw Grab RS 200-5291

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
issue date 8/23/2019 Revision date: 1/9/2023: Supersedes version of: 1/9/2023 version:20.1

Revision 12th February 2023
Version Number 2

1.1. Product identifier – Screw Grab RS200-5291

Product form : Mixture
Product name : Screw Grab
Product code : 200-5291

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

1.2.1. Relevant identified uses

Removal of damaged or seized fasteners

1.2.2. Uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier
RS Components Ltd
Birchington Road
NN17 9RS Corby
Northants
T +44 (0) 845 850 9900
RCustomerServicesUK@rs-components.com

Supplier
RS Components Ltd
Glenview Industrial Estate
Herberton Road
Rialto – Dublin 12
T +353 (0) 1 415 3100
enquiries.ie@rs-components.com

1.4. Emergency telephone number

Emergency number : +44 (0) 1865 407333 (24hr) +44 1235 239670 (24hr)

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No. 1272/2008, and it is not mandatory to supply a safety data sheet, but this document contains information and advice concerning safe handling of the product.

2.2 . Labelling according to Regulation (EC) No. 1272/200

Signal Word : None
Hazard Statements : None
Precautionary Statements : None
Supplemental Information: : None

2.3. Other hazards

Not Identified

3.1. Substances

Not applicable

3.2. Mixtures

Composition/Information on Ingredients

Mixtures:

Declarable Components	Conc. (wt%)	EC No.	CAS No.	REACH No.	Reg.	Classification
None						
Other Components						
Silicon Carbide	**60-70**	**206-991-8**	**409-21-2**	**N/A**	**-**	**Not Classified**
Water	**25-35**	**231-791-2**	**7732-18-5**	**N/A**	**-**	**Not Classified**

4.1. Description of first aid measures

Inhalation – For breathing difficulty, respiratory irritation, or other symptoms, get medical attention.

Skin – If irritation occurs, remove contaminated clothing, and rinse affected area with water. Get medical attention if irritation persists. Wash clothing before re-use.

Eye – If irritation occurs, irrigate with room temperature water or eyewash solution for several minutes, occasionally lifting eye lids. Get medical attention if irritation persists.

Ingestion – If swallowed, rinse mouth thoroughly and give water to drink. Get prompt medical attention for any adverse effects. Do not induce vomiting, unless instructed by medical personnel

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

Not available

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

Treat symptoms as they occur

5.1. Extinguishing media

Suitable : Product is water based and non-flammable. Use extinguishing media appropriate to cause of the fire and the surroundings.

Unsuitable : None

5.2. Special hazards arising from the substance or mixture

None

5.3. Advice for firefighters

Remove containers from fire or cool them with water spray. For larger fires, firefighters should wear breathing apparatus and protective clothing

6.1. Personal precautions, protective equipment and emergency procedures

The product is a water based paste and not classified as hazardous, and supplied in small plastic bottles. No special requirements for small spills. For large spills wear personal protection. Follow prescribed procedures for responding to large spills in the workplace.

6.2. Environmental precautions

For large spills, prevent product from entering a water course or drainage system

6.3. Methods and material for containment and cleaning up

Clean up spill as soon as possible. For small quantities wipe off with a damp cloth or paper, and wash affected area with water. For large quantities, absorb with an inert material (eg: sand, vermiculite). Wash contaminated surfaces with water. Collect spill, contaminated materials, and washings in a container for disposal.

6.4. Reference to other sections

For recommended personal protective equipment, see Section 8. For disposal considerations, see Section 13

7.1. Precautions for safe handling

For professional use, avoid skin and eye contact with the product, using measures described in Section 8

7.2. Conditions for safe storage, including any incompatibilities

Store at 5 Degree to 35 Degree C

7.3. Specific end use(s)

Not available

8.1. Control parameters

EU Limit Values	: None
UK Limit Values	: None
Monitoring procedure	: Not applicable
Other, human health DNEL,s DMEL,s	: Silicon carbide: DNEL: workers, short-term exposure, systemic effects, inhalation, 94 mg/m3

8.2. Exposure controls

Engineering controls are not required for typical professional use.
Personal protective equipment: For professional use, we recommend chemical resistant gloves (eg: Nitrile Rubber, PVC) and eye protection.
The need for personal protective equipment should be based on a workplace risk assessment for the particular use.
PPE should be to European (EN) standards. Consult manufacturers concerning breakthrough times

Environmental exposure controls : Not available

9.1. Information on basic physical and chemical properties

Appearance	: Grey Paste
Odour	: Bland
Odour Threshold	: Not available

Flash point	: Not available :
Melting/Freezing Point	: Not available (0 Degree C for water)
Initial Boiling Point/Range	: Not available (100 Degree C for water)
pH	: 9.0 to 9.5
Evaporation rate	: Not available
Flammability (Solid, Gas)	: Not available
Flamm. or expl. Limits	: Not available
Vapour pressure	: Not available (2310 Pa at 20 Degree C, for water
Vapour density	: Not available
Relative density	:1.2 to 1.4
Solubilities	: In water: silicon carbide <0.1mg/L at 20 Degree C (pH7)
Partition coeff (log Kow	: Not available
Auto-ignition temp.	: Not available
Decomposition temp.	: Not available
Viscosity	: Not available
Explosive properties	: Not classified as explosive
Oxidising properties	: Not classified as oxidising

9.2. Other information

Not available

9.2.1 Other information

Not available

9.2.2 Other information

Not available

10.1. Reactivity

Not available

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Not available

10.4. Conditions to avoid

Not available

10.5. Incompatible materials

Not available

10.6. Hazardous decomposition products

Not available

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity – Based on available data, the classification criteria are not met for the oral, dermal or inhalation routes.
Silicon carbide: LD50 (oral; rat), >2000 mg/kg; LD50 (skin; rat), >2000mg/kg; particles do not cause lung fibrosis, and behaves as inert dust.

Skin corrosion/irritation – Based on available data, the classification criteria are not met.
Silicon carbide: not irritating (rat test)

Serious eye damage/irritation – Based on available data, the classification criteria are not met.
Silicon carbide: powder may cause mechanical irritation of the surface of the eye.

Respiratory or skin sensitisation – Respiratory sensitisation: no expectation of respiratory sensitisation potential.
Skin sensitisation; no ingredient has been classified for sensitising effects.

Germ cell mutagenicity – Based on available data, the classification criteria are not met.
No ingredient has been classified for mutagenic effects.

Carcinogenicity – Based on available data, the classification criteria are not met.
No ingredient has been classified for carcinogenic effects.

Reproductive toxicity – Based on available data, the classification criteria are not met.
No ingredient has been classified for reproductive effects.

STOT- single exposure – Based on available data, the classification criteria are not met.
No ingredient has been classified for STOT effects.

STOT- repeated exposure – Based on available data, the classification criteria are not met.
No ingredient has been classified for STOT effects.

Aspiration hazard – Based on available data, the classification criteria are not met.

11.2. Information on other hazards

None

12.1. Toxicity

The Product is not expected to meet the criteria for classification.
Silicon Carbide: no toxicity expected, as insoluble in water, and no potential to cross biological membranes.

12.2. Persistence and degradability

Not applicable -. Product is inorganic powder suspended in water.

12.3. Bioaccumulative potential

Not Bioaccumulative.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Not PBT or vPvB

12.6. Endocrine disrupting properties

Not available

12.7. Other adverse effects

None

13.1. Waste treatment methods

The product is inorganic powder suspended in water. Small quantities may be diluted and disposed of via the drains. Landfill may

be appropriate for large quantities. Incineration is not recommended.
Disposal must be in accordance with current national and local regulations. Chemical residues generally count as special waste.
General EU requirements are given in Directive 2008/98/EC

14.1. UN Number or ID Number

Not Classified as dangerous goods for transport

14.2. UN Proper Shipping Mane

Not applicable

14.3. Transport hazard class(es)

Not Applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not classified as marine pollutant/environmentally hazardous

14.6. Special precautions for user

Not available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

UK: Control of substances Hazardous to Health Regulations 2002 (COSHH), as amended.
Workplace Exposure Limits EH40/2005 (Third edition, 2018): Health and Safety Executive

15.2. Chemical safety assessment

Not available

16.0. Other Information

Abbreviations and Acronyms	
DNEL	: derived no-effect level
DMEL	: derived minimum effect level
LD	: lethal dose
PBT	: persistent bioaccumulative, and toxic
PNEC	: predicted no-effect concentration
STOT RE	: specific target organ toxicity repeated exposure
STOT SE	: specific target organ toxicity single exposure
vPvB	: very persistent, very bioaccumulative.

List of Hazards	**:** None
Basis of classification	**:**The mixture is self-classified from available information on the ingredients.
References	**:** Search for chemicals; available at the European Chemicals Agency website: http://echa.europa.eu/.
Revisions	**:**This Safety Data Sheet is the first version in EU CLP Format