

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : Unigrip Exhaust Repair Compound
Revision date : 20.03.2025
Print date : 20-03-2025

UNIGRIP

DANTECH ELITE COMPOSITES

Version : 1.0.0

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

1.1 Product identifier

Trade name: Unigrip Exhaust Repair Compound

UFI-Code: H440-F0WD-P00F-KD8M

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

No further relevant information available.

Application of the substance / the mixture Sealant

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Dantech Group

2660 NW 15th Court

Pompano Beach, FL 33069

www.Dantech-group.com

Informing department:

Tel.: +1 954 414 9567

Email: contact@dantech-group.com

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Eye Dam. 1 H318 Causes serious eye damage
Skin Irrit. 2 H315 Causes skin irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

Signal word Danger

· Hazard-determining components of labelling:

Silicic acid, sodium salt

· Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

Labelling of packages where the contents do not exceed 125 ml

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Hazard-determining components of labelling:

Silicic acid, sodium salt

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. CONTINUE RINSING.

P310 Immediately call a POISON CENTER/doctor.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description:

Sealing paste made of aqueous sodium silicate and filler. The filler used is asbestos-free.

Dangerous components:		
CAS: 1344-09-8 EINECS: 215-687-4 Reg.nr.: 01-2119448725-31-X	Silicic acid, sodium salt Eye Dam. 1, H318; Skin Irrit. 2, H315	10 - 25%
CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO ₂)	≥ 2.5 - < 10%

Additional information For the wording of the listed hazard phrases refer to section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Instantly remove any clothing contaminated by the product.

After inhalation

Move person to fresh air.

In case of persistent symptoms consult doctor.

After skin contact

Instantly rinse with water.

If skin irritation continues, consult a doctor.

After eye contact

Keep eye lids open and rinse them with ample amounts of clean running water for at least 15 minutes.

Call the doctor immediately.

After swallowing Rinse out mouth. Avoid vomiting.

Instantly call for doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media**
Suitable extinguishing agents
The product itself does not burn.
Use fire fighting measures that suit the environment.
For safety reasons unsuitable extinguishing agents Not applicable.
- 5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters**
Protective equipment: Wear breathing protection if necessary.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
Avoid contact with the product.
- 6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- 6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Send for recovery or disposal in suitable containers.
Complete cleaning with water.
- 6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**
Avoid direct contact with eyes, skin and clothing. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Don't eat, drink or smoke while working.
Information about protection against explosions and fires: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities**
Storage
Requirements to be met by storerooms and containers:
Keep container tightly closed. Store only in the original container.
Information about storage in one common storage facility: Do not store together with acids.
Further information about storage conditions: Protect from frost.
- 7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**
Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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Additional information: The lists that were valid during the compilation were used as basis.

8.2

Exposure controls

Personal protective equipment

General protective and hygienic

measures Keep away from foodstuffs, beverages and food. Take off all contaminated clothing immediately.

Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

Breathing equipment:

Not necessary if room is well-ventilated.

Use breathing protection only when aerosol or mist is formed. Filter P2.

Protection of hands:

S Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

Eye protection:



Tightly sealed safety glasses.

Body protection: Not required

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
· Flash point:	Not applicable
· Inflammability (solid, gaseous)	Not applicable.
· Decomposition temperature:	Not determined.
· Explosive properties:	Product is not explosive.
· Vapor pressure:	Not determined.
· Density at 20 °C	> 1 g/cm ³
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Insoluble
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: dynamic:	Not determined.
kinematic:	Not determined.
· Solvent content: Organic solvents:	0.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Reacts with various metals

Reacts with acids

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

None in case of intended use and storage in compliance with instructions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Primary irritant effect:

Skin corrosion/irritation

More frequent and continuous contact with the skin may result in irritation of the skin.

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

Persistence and degradability No further relevant information available.

Other information: There are no data available about the preparation.

12.3 Bioaccumulative potential

Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do

not allow undiluted product or large quantities of it to reach ground water, water bodies or

sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

The waste code numbers mentioned are recommendations based on the probable use of the product.

· European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances

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Uncleaned packaging:

Recommendation:

Dispose of packaging according to regulations on the disposal of packaging. Non contaminated packaging can be used for recycling.
Packaging's that cannot be cleaned is to be disposed of in the same manner as the product.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315 Causes skin irritation.

H318 Causes serious eye damage.

H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure:
Inhalation.

Department issuing data specification sheet:

This Material Safety Data Sheet has been drawn up in cooperation with:

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport

Association" (IATA) ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for

Dangerous Goods IATA: International Air

Transport Association

GHS: Globally Harmonized System of Classification and Labelling

of Chemicals EINECS: European Inventory of Existing

Commercial Chemical Substances ELINCS: European List of

Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American

Chemical Society) PBT: Persistent, Bio accumulative and Toxic

SVHC: Substances of Very High

Concern vPvB: very Persistent

and very Bio accumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2