

# SX Mighty Strength Grip&Grab Adhesive



## HEALTH & SAFETY DATA

ACCORDING TO 453/2010/EC DATE: 29.10.2020 REF 0266.5.HS/KG (PAGE 1 of 3)

### 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### PRODUCT IDENTIFIER

**Trade name:** SX MIGHTY STRENGTH GRIP & GRAB ADHESIVE

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

#### Application of the Substance / the Preparation

Sealant

Adhesives

#### Health and Safety Data provided by the Manufacturer:

SIROFLEX LIMITED

Dodworth Business Park

Dodworth, Barnsley

South Yorkshire, S75 3SP

Tel: 01226 771600

Fax: 01226 771601

#### > Further information obtainable from:

[www.cphgroup.com.au](http://www.cphgroup.com.au)

[sales@cphgroup.com.au](mailto:sales@cphgroup.com.au)

#### > Emergency telephone number:

Tel: 1800 555 060 or 03 5275 0800

### 2 HAZARDS IDENTIFICATION

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

##### Classification According to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

#### LABEL ELEMENTS

##### Labelling According to Regulation (EC)

**No 1272/2008:** Void.

**Hazard Pictograms:** Void.

**Signal Word:** Void.

**Hazard Statements** Void.

##### Additional Information:

Contains Reaction mass of Bis[1,2,2,6,6-pentamethyl-4-piperidyl] sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, N-[3-(trimethoxysilyl)propyl]ethylenediamine, N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine, dioctyltinbis(acetylacetonate). May produce an allergic reaction.

Safety data sheet available on request.

#### OTHER HAZARDS - Results of PBT and vPvB Assessment

**PBT:** Not applicable

**vPvB:** Not applicable

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### CHEMICAL CHARACTERIZATION: MIXTURES

**Description:** Mixture of substances listed below with non-hazardous additions.

#### Dangerous Components:

CAS: 2768-02-7 trimethoxyvinylsilane 1-<5%

EINECS: 220-449-8 Flam. Liq. 3, H226; Acute Tox. 4, H332

REg.nr.: 01-2119513215-52-xxxx

#### Additional Information:

For the wording of the listed risk phrases refer to section 16.

### 4 FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

**General Information:** No special measures required.

#### After Inhalation:

Supply fresh air; consult doctor in case of complaints.

#### After Skin Contact:

Generally the product does not irritate the skin.

#### After Eye Contact:

Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

#### Most important symptoms and effects, both acute and delayed:

No further relevant information available.

#### Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

### 5 FIREFIGHTING MEASURES

#### EXTINGUISHING MEDIA

##### Suitable Extinguishing Agents:

Use fire extinguishing methods suitable to surrounding conditions.

#### Special Hazards Arising from the Substance or Mixture

No further relevant information available.

#### ADVICE FOR FIREFIGHTERS

**Protective equipment:** Mouth respiratory protective device.

### 6 ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and

**Emergency Procedures:** Ensure adequate ventilation.

#### Environmental Precautions:

Do not allow to enter sewers/ surface or ground water.

#### Methods and Material for Containment and Cleaning Up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Pick up mechanically.

#### 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 disposal information.



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ACCORDING TO 453/2010/EC DATE: 29.10.2020 REF 0266.5.HS/KG (PAGE 2 of 3)

## 7 HANDLING AND STORAGE

### HANDLING:

**Precautions for Safe Handling:** Use only in well ventilated areas.

### Information About Fire - and Explosion Protection:

No special measures required.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

#### Requirements to be met by storerooms and receptacles:

No special requirements.

#### Information about storage in one common storage facility:

Not required.

#### Further information about storage conditions:

None.

#### Specific end use(s)

No further relevant information available.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### Additional information about design of technical facilities:

No further data; see item 7.

### CONTROL PARAMETERS

#### Ingredients 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.

#### Additional information:

The lists valid during the making were used as basis.

## EXPOSURE CONTROLS

### Personal Protective Equipment:

#### General Protective and Hygienic Measures:

The usual precautionary measures are to be adhered to when handling chemicals.

#### Respiratory Protection:

Not required.

#### Protection of Hands:

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.

#### Eye protection:

Goggles recommended during refilling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

### Appearance:

**Form:** Pasty

**Colour:** White

**Odour:** Characteristic

**Odour threshold:** Not determined.

**pH-value:** Undetermined.

### Change in Condition:

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

**Flash point:** > 100°C

**Flammability (solid, gaseous):** Not Applicable

**Ignition temperature:** Undetermined.

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not self-igniting

**Danger of explosion:** Product does not present an explosion hazard.

### Explosion limits:

**Lower:** Undetermined.

**Upper:** Undetermined.

**Vapour pressure:** Undetermined.

**Density at 20°C:** 1,55 g/cm<sup>3</sup>

**Relative density:** Not determined.

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

**Partition coefficient (n-octanol/water):** Not determined.

### Viscosity:

**Dynamic:** Not determined.

**Kinematic:** Not determined.

### Solvent content:

**VOC (EC)** 2.30 %

**VOC (EC)** 35.6 g/l

**Other information:** No further relevant information available.

## 10 STABILITY AND REACTIVITY

### Reactivity:

No further relevant information available.

### CHEMICAL STABILITY

#### Thermal Decomposition/Conditions to be Avoided:

No decomposition if used according to specifications.

#### Possibility of Hazardous Reactions:

No dangerous reactions known.

#### Conditions to Avoid:

No further relevant information available.

#### Incompatible Materials:

No further relevant information available.

#### Hazardous Decomposition Products:

No dangerous decomposition products known.



# HEALTH & SAFETY DATA

ACCORDING TO 453/2010/EC DATE: 29.10.2020 REF 0266.5.HS/KG (PAGE 3 of 3)

## 11 TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

#### Acute toxicity:

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

#### PRIMARY IRRITANT EFFECT

#### Skin corrosion/irritation:

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

#### Serious eye damage/irritation:

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

#### Respiratory or skin sensitisation:

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.

## 12 ECOLOGICAL INFORMATION

### TOXICITY

**Aquatic Toxicity:** No further relevant information available.

#### Persistence and Degradability:

No further relevant information available.

#### Bioaccumulative Potential:

No further relevant information available.

**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 course or sewage system.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other Adverse Effects:** No further relevant information available.

## 13 DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

#### Recommendation:

Disposal must be made according to official regulations.

#### European Waste Catalogue:

08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances

### UNCLEANED PACKAGING

#### Recommendation:

Disposal must be made according to official regulations.

## 14 TRANSPORT INFORMATION

#### UN-Number:

**ADR, ADN, IMDG, IATA** Void.

#### UN Proper Shipping Name:

**ADR, ADN, IMDG, IATA** Void.

#### Transport Hazard Class(es):

**ADR, ADN, IMDG, IATA, Class** Void.

#### Packing Group:

**ADR, IMDG, IATA** Void.

**Environmental Hazards:** Not applicable.

**Special Precautions for User:** Not applicable.

#### Transport in Bulk According to Annex II

**of Marpol and the IBC Code:** Not applicable.

**UN "Model Regulation":** Void.

## 15 REGULATORY INFORMATION

#### Chemical Safety Assessment:

A Chemical Safety Assessment has not been carried out.

## 16 OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant Phrases:

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

**Department Issuing MSDS:** Product Safety Department.

**Contact:** Pascal Timmermans / Kees van Bommel

#### Abbreviations and Acronyms:

|               |   |
|---------------|---|
| 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 Harmonised 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<br>(division of the American Chemical Society)   |
| VOC:          | Volatile Organic Compounds (USA, EU)  |
| PBT:          | Persistent, Bioaccumulative and Toxic   |
| vPvB:         | very Persistent and very Bioaccumulative  |
| Flam. Liq. 3: | Flammable liquids, Hazard Category 3  |
| Acute Tox. 4: | Acute toxicity, Hazard Category 4s  |

Full Health & Safety Data and Application Instructions  
can be downloaded from [gripandgrabadhesive.com.au](http://gripandgrabadhesive.com.au)