

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
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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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/cm³

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.



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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 (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 Technical Data and Application Instructions can be downloaded from www.gripandgrabadhesive.com.au