



## Material safety data sheet

according to 1907/2006/EC, Article 31

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

#### 1.1 Product identifier

Trade name: STAMCOLL AS

Application of the substance / the mixture Preparation of adhesives

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

Serge Ferrari AG  
Wasterkingenweg 2  
Postfach 2  
CH-8193 Eglisau  
infoCH@sergeferrari.com  
Tel. +41 (0) 44 868 26 26  
Fax +41 (0) 44 868 27 27

##### Informing department:

General product information  
infoCH@sergeferrari.com

##### Further information obtainable from:

Giftnotruf München (24-Hour-Number)  
+49 (0)89-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

**Additional information:**

Ensure good ventilation during application and curing.

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, dibutylbis(pentane-2,4-dionato-O,O')tin. May produce an allergic reaction.

Safety data sheet available on request.

**2.3 Other hazards**

During the application and curing process of the material chemicals are released as vapour (see item 11). Therefore ensure good ventilation or exhaustion if necessary.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

<b>SECTION 3: Composition/information on ingredients</b>
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**3.2 Chemical characterisation: Mixtures**

**Description: Adhesive based on silane-terminated polymers (hybrid)**

**Dangerous components:**

CAS: 16753-62-1	Dimethoxymethylvinylsilan	< 2,5%
EINECS: 240-816-6	Flam. Liq. 2, H225	
CAS: 64742-48-9	Naphtha (petroleum), hydrotreated heavy	< 5%
EINECS: 265-150-3	Asp. Tox. 1, H304	

**Additional information**

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

<b>SECTION 4: First aid measures</b>
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**4.1 Description of first aid measures****After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact**

Rinse opened eye for several minutes under running water. Then consult a doctor.

**nach Verschlucken:**

Kein Erbrechen herbeiführen. Sofort Arzthilfe zuziehen. Verpackung oder Etikett vorzeigen.



## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents Water with full jet

### 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

#### Besondere Schutzausrüstung:

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information** Cool endangered receptacles with water spray.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

### 6.3 Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

### 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 disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

#### Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

### 7.2 Conditions for safe storage, including any incompatibilities



#### Storage

**Requirements to be met by storerooms and containers:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical systems:** No further data; see item 7.

#### 8.1 Control parameters

**Components with critical values that require monitoring at the workplace:**

##### 67-56-1 methanol

WEL Short-term value: 333 mg/m<sup>3</sup>, 250 ppm

Long-term value: 266 mg/m<sup>3</sup>, 200 ppm

Sk

**Additional information:** The lists valid during the making were used as basis.

#### 8.2 Exposure controls

##### Personal protective equipment

##### General protective and hygienic measures

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

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

##### Respiratory protection:

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e.type ABEK according to standard EN 14387) is used.

##### Protection of hands:



Protective gloves

##### 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.

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Recommended glove types: nitrile rubber

Recommended thickness of the material: ≥ 0.2 mm

**Penetration time of glove material** Breakthrough time: > 60 min



**Eye protection:**



Safety glasses

**Body protection: Protective work clothing.**

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	pasty
<b>Colour:</b>	According to product specification

##### Odour:

Characteristic

##### Odour threshold:

Not determined.

##### Change in condition

Melting point/Melting range:	undetermined
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Boiling point/Boiling range:	undetermined
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##### Flash point:

undetermined

##### Self-igniting:

Product is not selfigniting.

##### Danger of explosion:

Product does not present an explosion hazard.

##### Density at 20 °C:

1,35 g/cm<sup>3</sup>

##### Solubility in / Miscibility with

##### Water:

Not miscible or difficult to mix

## 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.

Avoid strong heating.

**10.6 Hazardous decomposition products:** see item 5.2

## 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** 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.

**Other information (about experimental toxicology):**

Product hydrolyses under formation of methanol (CAS no. 67-56-1). Methanol is toxic by inhalation, in contact with skin and if swallowed. Methanol causes damage to organs. Methanol is highly flammable. Inhalation of aerosol spray may damage health.

**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.

## ABSCHNITT 12: Umweltbezogene Angaben SECTION 12: Ecological information

### Additional ecological information:

**General notes:**

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

Do not allow product to reach ground water, water course or sewage system.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation**

Observe local by-laws.

Already cured material can be disposed of with the domestic or commercial waste. Unconsumed material (fluid, paste-like) is to dispose of as hazardous waste

**Uncleaned packaging:**

**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.


**ABSCHNITT 14: Angaben zum Transport**
**14.1 UN-Nummer**

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:** Not applicable

**14.6 Special precautions for user** Not applicable

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

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.

**National regulations**

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

**Details of international registration status:**
**Listed on or in accordance with the following inventories:**

EINECS - Europe	listed
DSL/NDSL - Canada	not listed
AICS - Australia	listed
IECSC - China	listed
ENCS - Japan	listed
NZIoC - New Zealand	not listed
PICCS - Philippines	listed
ECL/KECI - Korea	not listed



TSCA - USA listed  
NECI - Taiwan not listed

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

#### **SECTION 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**

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

**Department issuing MSDS:** Tel.: 0049- (0)8684- 908- 641

**Contact:** Tel.: 0049- (0)8684- 908- 641 ( -460 )

#### **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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Entzündbare Flüssigkeiten – Kategorie 2

Asp. Tox. 1: Aspirationsgefahr – Kategorie 1

**\*Data compared to the previous version altered.**