

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Windshield Sealant 9910

Product Use: For adhesive or seal on glasses of car

Date of issue : 15.11.2012

Revision Date : 19.12.2012

Company Information: Sudheimer Car Technik Vertriebs GmbH

Address: Feldstrasse 154, 22880 Wedel, Germany

Information telephone : +49 (0) 4103 1211 118

Emergency telephone : +49 (0) 4103 1211 0

E-mail : info@sct-germany.de

Fax : +49 (0) 4103 1211 116

2. HAZARDS IDENTIFICATION

Total instruction: In normal operation, the product is not hazardous materials.

Human health effects: Harmful if swallowed

Environmental effects: Have influence to the environment

Physical and Chemical Hazards: May produce the harmful air when insufficiency burn

Classification of the substance or mixture

GHS: (GHS)

Classification according to GHS: The product is not classified according to the GHS regulation

CLP: No. 1272/2008 (EC)

CLP classification (classification according to Regulation (EC) No. 1272/2008)



Signal Word: WARNING

Label elements

EU Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous materials (German GefStoffV).

Other hazards: PBT, vPvB

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture

Description

Mixture: consisting of the following components

| Ingredient Name | CAS No. | EC No | Content % |
|-------------------------|------------|-------|-----------|
| Polyether Polyol | 101-68-8 | - | 35~45 |
| Polyisocyanate mixtures | 25322-69-4 | - | 5~10 |
| DOP Plasticizer | 117-81-7 | - | 10~20 |
| Calcium carbonate | 471-34-1 | - | 10~20 |
| Calcium Carbonate | 1333-86-4 | - | 10~20 |
| Titanium pigment | 13463-67-7 | - | 10~20 |

Dangerous components: None

4. FIRST AID MEASURES

Description of first aid measures

After Inhalation: Remove from contaminated area

Encourage patient to blow nose to ensure clear passage of breathing. If irritation or discomfort persists seek medical attention.

After skin touch: Flush skin and hair with running water. If discomfort persists seek medical attention.

After eyes touch: Wash out immediately with water. If irritation continues, seek medical attention.

After swallowing: Immediately give a glass of water.

First aid is not generally required, if in doubt, contact a doctor.

For doctor's information: Treat symptomatically

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Dry powder, carbon dioxide, sand extinguishing materials.

For safety reason unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture: (CO)

CO, Nitrogen oxides, Under certain fire conditions, traces of other toxic gases cannot be excluded.

Advice for firefighters: Wear complete respiratory protective device. Wear suitable protective clothing and eye/face protection. Forbid water, foam and acid-base fire extinguisher.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: No information

Environmental precautions: No information

Method and material for containment and cleaning up:

Minor spills: No information

Major spills: No information

Reference to other sections: 7, 8, 13

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. HANDLING AND STORAGE

Precautions for safe handling: Limit all unnecessary personal contact. When handling, do not eat, drink or smoke.

Information about fire and explosion protection: Protect from heat – DO NOT smoke.

Avoid reaction with oxidising agents, acids. This product is flammable.

Conditions for safe storage, including any incompatibilities

Storage: Stored in a cool, ventilated area, should be oxidants, acids stored separately and avoid mixing together, equipped with the appropriate variety and quantity of fire equipment. Prohibit the use of easy to produce sparks of mechanical equipment and tools.

Information about storage in one common storage facility: Do not mix with oxidizing agents, acid stored together.

Safe storage with other classified chemicals:



+



X



+



X



X



+

+ : May be stored together

X : Must not be stored together

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Information about design of technical facilities: No further data, see section 7

Control parameters

Ingredients with limit values that require monitoring at the workplace: No information

Personal protective equipment

Respiratory protection: If contact dust, wear dustproof mask.

Protection of hands: Protection gloves

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further mark 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 information on basic physical and chemical properties.

Eye protection: Safety goggles.

Body protection: Fire protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance: Black/grey/white homogenous paste
Form: Paste
Color: Black/grey/white
Odour: No odour

Change in condition

pH pH: 7-7.5
Melting point/Melting range: Not applicable
Boiling point/Boiling range: Not applicable
Flash point: Not applicable
Decomposition temp: Not applicable
Flammability (solid, gaseous): Flammable
Self-igniting: Product is not self-igniting
Density (water=1): 1.35
Solubility in/Miscibility with water: Not miscible or difficult to mix.

10. STABILITY AND REACTIVITY

Reactivity: Stable.

Chemical stability

Thermal decomposition / condition to be avoided

No decomposition if used and stored according to specifications.

Possibility of hazardous reaction: Avoid reaction with oxidising agents, acids

Incompatible materials: Oxidising agents, acids.

Hazardous decomposition products: Formation of toxic gases is possible during heating or in case fire. Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information of toxicological affects

Acute Toxicity

LD/LC50 values relevant for classification

LD50: Not available. Refer to individual constituents.

LC50: Not available. Refer to individual constituents.

Primary irritant effect

On the skin: The product is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models)

On the eyes: Although the product is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result. The product may produce foreign body irritation in certain individuals.

Inhaled: The product is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models)

Sensitization: No sensitizing effect known.

Additional toxicological information: The product is not subject to classification according to the calculation methods of the General EU Classification Guidelines for Preparations as issued in the latest version.

12. ECOLOGICAL INFORMATION

| | |
|---|----------------|
| 12.1 Environmental Data: | No Data |
| 12.2 Mobility in soil and water: | No determined |
| 12.3 Persistence: | Not determined |
| 12.4 Ecotoxicity Data | |
| Aquatic Toxicity: | Not determined |

Additional ecological information: Not known to be hazardous to water. Do not allow product to reach ground water, water course or sewage system.

Result of PBT and vPvB assessment

| | |
|--------------|-----------------|
| PBT: | Not applicable. |
| vPvB: | Not applicable. |

13. DISPOSAL CONSIDERATIONS

Recommendation: Must be special treated adhering to official regulations. Smaller quantities can be made according to official regulations.

Uncleaned packaging: Disposal must be made according to official regulations. Non contaminated packaging may be reused.

14. TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

| | |
|-----------------------|----------------|
| ADR/RID Class: | No information |
| UN-Number: | Not available |

AND/RID Inland shipping ADN

| | |
|---------------------|----------------|
| AND/R Class: | No information |
| IMDG Class: | No information |

IMDG Maritime transport IMDG

| | |
|-------------------|---------------|
| UN-Number: | Not available |
|-------------------|---------------|

ICAO-TI IATA-DGR Air transport ICAO-TI and IATA-DGR

| | |
|--------------------------------|---|
| ICAO/IATA Class: | NOT REGULATED |
| UN-Number: | Not available |
| Packing classification: | III |
| Packing mark: | No information |
| Packing method: | Aluminum tube / aluminum film packaging |

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation
International regulation/Ordinances

Requirements of Hazard and safety information on

Disposal of chemicals should comply with the general s

EU directives / regulations

This product need follow the related regulations abo
directives

Code letter and hazard designation of product



Chemical safety assessment

EEC classification

R- Risk Codes

R37

S- Safety Codes: None

S22

R- Risk Phrases

Irritating to respir

S Safety Phrases

Do not breathe du

16. OTHER INFORMATION

This information is based on our present knowledge. F
for any specific product features and shall not establish

This information of section 3 and section 9 is provide
CO.,Ltd.

Abbreviations and acronyms:

ADR: Accord Europeen sur le transport des marchandie
Agreement concerning the International Carriage of Da

RID: Reglement international concernant le transport de
fert (Regulations Concerning the International Transpor

IMDG: International Maritime Code for Dangerous Go

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "Int
(IATA)

ICAO: International Civil Aviation Organization

ICAO-TL: Technical Instructions by the "International

GHS: Globally Harmonized System of Classification at

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent