

## **Safe Use Instructions Sheet**

Printing date: 23/5/2018

Version number 1

Revision: 23/5/2018

### **SECTION 1: Identification of the article and of the company/undertaking**

#### **1.1 Product identifier**

**Trade name webertherm anc S (anchor sleeve)**

#### **1.2 Relevant identified uses of the article and uses advised against**

Mechanical fixing for ETICS system

**Application of the article** In building construction applications

#### **1.3 Details of the supplier of the safe use instructions sheet**

**Manufacturer/Supplier:**

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)

## **Safe Use Instructions Sheet**

Printing date: 26/05/2018

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<b>Trade name webertherm anc S</b>
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### **1.4 Emergency telephone number:**

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Riyadh:+966114738751  
Qatar:+97444423816  
Jordan: +96264200417  
Kuwait:+96525716404  
Muscat:+96824218361

Hours of operation: From 8 am to 6 pm  
Monday to Friday in Lebanon  
Sunday to Thursday in other countries

## **SECTION 2: Hazards identification**

### **2.1 Classification of the article**

#### **Special hazard information for human beings and the environment:**

The melted product adheres to the skin and causes burns.

Risk of slipping on spilled material.

If used improperly it has neither an acute nor a chronic detrimental effect on the health of human beings.

If swallowed in small quantities it should not cause problems.

Inhalation of its dust will cause irritation to the respiratory passages.

Has no damaging effects on the environment, in the environment a foreign substance with a very slow biodegradability, decomposes when exposed to UV radiation. Water soluble.

#### **Other specifications:**

The substance is combustible and highly flammable. When burning hazardous (carbon monoxide) and irritant substances may be released. Explosive in dust form. When the dust concentration in the air exceed the lower explosion limit, there is a risk of explosion. The product can be electrostatically charged.

#### **Classification system:**

As per EC directives 1999/45, 67/548,76/769 and the following amendments this product is not classified as dangerous.

#### **Other risks:**

Not indicated

## **SECTION 3: Composition/information on ingredients**

### **Chemical characterisation:**

### **Designation of the plastic:**

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High-density polyethylene (HDPE)

**Application:**

Thermoplastic polymers for the manufacture of injection moulding products

**SECTION 4: First aid measures****Description of first aid measures****After inhalation**

In case of excessive inhalation of smoke, take affected party out into the fresh air. Seek medical attention.

**After skin contact**

In case of contact with melted product, immediately cool off with cold water.

Do not peel off hardened product from skin.

Consult a doctor immediately

**After eye contact**

Rinse out the eyes with the lid opened for several minutes under running water..

**After swallowing**

No special measures required if the product is swallowed as such

If a larger amount is swallowed seek medical attention.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents**

Water mist, foam, chemical extinguishing powder

In case of a large fire spray water

**5.2 Special hazards arising from the article**

In case of fire the following may be released:

Water, Carbon dioxide and carbon monoxide with lack of oxygen

The combustion products are hazardous.

**5.3 Advice for firefighters****Protective equipment:** Use a mask with a universal filter. Use self-contained respiratory protection in closed rooms.**5.4 Further information**

In case of a large fire the humans beings, warehouse and all other objects in the vicinity of the fire must be protected by a water curtain.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Specific risk of slipping as a result of expelled/spilled product.

Leave the location in which the polymer dust has been swirled up in order to avoid inhalation. Avoid eye and skin contact with the melted polymer.

**6.2 Environmental precautions:** Do not allow the spilled material to enter into the sewerage system.

No special measures required. See points 12 and 13 None required.

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

Re-use the product or dispose of it safely. See point 13

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Adhere to all fire safety measures (work with open flame prohibited, avoidance of possible ignition sources, no smoking). Avoid generating dust and static charge. When handling, avoid release into the environment.

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**Instructions on safe handling:**

No special measures required if handling at room temperature.

Avoid scattering the product to prevent falling hazard.

When the material is heated to working temperature, vapours may develop which consist of:

Ethylene and alkenes with a high molecular weight.

Traces of formaldehyde and acrolein

Traces of acids (formic acid, acetic acid)

In such processing conditions it is advisable to provide an appropriate ventilation system.

Take precautionary measures to counter risks of explosion from dust whilst conveying or grinding the grains, as for all types of polymer.

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

**Storage** The storage facilities must meet the structural requirements for safety. Electrical systems must meet the valid regulations.

Store well ventilated and covered. Recommended storage temperature: from -20 °C to +40 °C. The product must be kept at a distance of at least 1m from the heat sources. Products should be kept dry, if possible in original packaging.

**Requirement for storage rooms and containers:**

Take precautionary measures to prevent static charge.

Do not smoke.

Earth devices.

The use of naked flames is prohibited.

**SECTION 8: Exposure controls/personal protection**

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

**8.1 Control parameters**

Components with limit values related to the work station which require monitoring: N/A

**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Do not, eat, drink, smoke or sniff tobacco whilst working.

**Respiratory protection** Respiratory protection in case of insufficient ventilation. Respirator

**Protection of hands:** use gloves conforming with EN 388 to avoid itching.

**Eye protection:** Safety goggles or safety glasses

**Body protection:** Work clothing

**Hand protection:** Gloves / heat-resistant

**Glove material**

The selection of a suitable glove does not just depend on the material but also on further quality properties and is different from manufacturer to manufacturer. E.g. protective gloves made of a blended woven steam-grade aramid/carbon fabric with minimum heat insulation of up to 270 °C + leather cuff for forearm protection As an example, five-fingered gloves by KCL, "Karbo TECT" model with leather cuff, heat insulation up to 350 °C.

**Penetration time of the glove material**

The exact breakthrough time must be obtained from the glove manufacturer and adhered to.

**Foot protection:** Closed work shoes with anti-slip treatment

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### **SECTION 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

##### **General information**

- (a) Form: solid
- (b) Colour: Base colour aooof white, diffirent colouring possible
- (c) Odour: Almost odourless, typically smells of paraffin
- (d) pH: Not relevant.solid
- (e) Melting point: 50-145°C
- (f)Flash point: not applicable
- (g)Granulate ignition Temperature: >350 °C
- (h)Solubility: insoluble in water and generally chemically inert
- (i)Flammability: Not relevant. Non combustible
- (j)Risk of explosion: The product is not potentially explosive.
- (k)Density:0.9-0.97 g/cm<sup>3</sup>
- (l)Flammability class: C3-highly flammable

#### **9.2 Other information**

No further properties to report.

### **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity xx.**

#### **10.2 Chemical stability**

Not reactive

#### **10.3 Possibility of hazardous reactions**

No know hazardous reactions.

#### **10.4 Conditions to avoid:**

The product is stable under normal handling and storage conditions.

It decomposes at over 360 °C.

Ignition sources and static charge should be avoided.

#### **10.5 Incompatible materials:**

Chlorine, luorine, strong oxidising agents, aromatic and chlorinated hydrocarbons, benzene and lubricating oils

#### **10.6 Hazardous decomposition products:**

At room temperature no hazardous decomposition products are known.

At high temperatures in the presence of air or oxygen CO, CO<sub>2</sub> and H<sub>2</sub>O are released upon decomposition.

### **SECTION 11: Toxicological information**

#### **11.1 Information on toxicological effects**

**Acute toxicity for animals:** LD<sub>50</sub> oral – rat>3 000 mg.kg-1

#### **Primary irritation:**

- **to the skin:** No irritation
- **to the eye:** No irritation
- **Sensitisation:** No sensitisation effect known

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**Additional toxicological information:** In our experience and according to the information available to use, if handled properly and used in accordance with the proper use, the product has no adverse effect on health.

### **SECTION 12: Ecological information**

**Ecotoxicity:** Not determined

**Information on elimination** (persistence and degradability):

**Reaction in environment compartments:**

Mobility and bioaccumulation potential: Floats on water

There is no significant bioaccumulation.

**Stability and degradability:** The substance has no damaging effect on the environment, in nature as a foreign substance with a very slow biological degradability, decomposes when exposed to UV radiation. Insoluble in water

**General information:** The product is not toxic, however small particles may have a physical effect on aquatic and terrestrial organisms.

**Results of PBT assessment:** Not determined

**Other negative effects:** The product is not considered damaging or hazardous.

### **SECTION 13: Disposal considerations**

#### **13.1 Waste treatment methods**

**Product:**

**Recommendation:**

For recycling requirements contact waste exchanges.

For recycling requirements contact the manufacturer.

Can be re-used after treatment.

Taking into account the necessary technical regulations and after consultation with the disposing party and the respective authority, can be deposited with the domestic waste.

Small quantities can be dumped together with the domestic waste.

Can be re-used without treatment.

**European Waste Catalogue (EAK, EWC, CED)**

070213 Plastic waste (from MFSU of plastics)

120105 Plastic chippings (from shaping + surface treatment)

160119 Plastic (from used vehicles)

200139 Plastics (separately collected fraction of municipal waste)

Possibly also 191204, 170203, 020104

The exact number must be determined.

**Non-cleaned packaging:** See recommendation

**Recommendation:**

The packaging can be re-used after cleaning or utilised as a material.

• **Recommended cleaning agent:** Water, with cleaning agent additive as necessary.

### **SECTION 14: Transport information**

• **Transportation/further information:**

In accordance with the national and international regulations which relate to road, rail, air and see transport, the product is not hazardous.

### **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the article**

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No specific labelling required.

Water pollutant class (Annex 1 of VwVwS (Germany)): Not water-polluting.

### **15.2 Chemical safety assessment:**

#### **Substance safety assessment not required**

Product is not classified as hazardous.

A safety data sheet for this product is not required by law and is only issued by us as a courtesy for our customer

## **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.

**Department issuing SDS:** R&D Department of Weber-Middle East

#### **Contact:**

Product Safety

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e-mail: [DL-weber.productSafety-ME@Saint-gobain](mailto:DL-weber.productSafety-ME@Saint-gobain).

## **Safe Use Instructions Sheet**

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<b>Trade name webertherm anc S</b>
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### **SECTION 1: Identification of the article and of the company/undertaking**

#### **1.1 Product identifier**

**Trade name webertherm anc S (screw)**

#### **1.2 Relevant identified uses of the article and uses advised against**

Mechanical fixing for ETICS system

**Application of the article** In building construction applications

#### **1.3 Details of the supplier of the safe use instructions sheet**

**Manufacturer/Supplier:**

SODAMCO S.A.L

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Kuwait:+96525716404  
Muscat:+96824218361

Hours of operation: From 8 am to 6 pm  
Monday to Friday in Lebanon  
Sunday to Thursday in other countries

## **SECTION 2: Hazards identification**

### **2.1 Classification of the article**

Webertherm anc S (screw) is not classified as dangerous according to regulation(EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures(CLP).

### **2.3 Other hazards**

Special hazard information for human beings and the environment: N/A.

## **SECTION 3: Composition/information on ingredients**

### **Designation of the substance or preparation:**

Product: Metal mechanical fasteners

### **General description of the components and the corresponding concentration:**

Fasteners are manufactured from iron, non-ferrous metals and alloys thereof. The materials are subject to national/international standards and are not classified as hazardous substances as per the German hazardous substance ordinance (GefStoffVO)

### **Surface protection:**

#### **Surface protection generated by heat treatment**

Only quenchant with for which there is a SDS are used. Refer to these SDS for details.

#### **Other anti-corrosion coatings**

Corrosion protection coatings are applied in compliance with the legal regulation on prohibition of hazardous substances. The contained substances and their proportions are recorded in the international electronic material data system (IMDS). The respective SDS apply for the contained substances.

## **SECTION 4: First aid measures**

Not applicable

## **SECTION 5: Firefighting measures**

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Not applicable

### **SECTION 6: Accidental release measures**

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

Not required.

For oiled or greased fasteners the SDS for the product used in each case is authoritative.

### **SECTION 7: Handling and storage**

#### **Handling:**

Hand protection is recommended for oiled and greased fasteners

#### **Storage:**

Protect from moisture

### **SECTION 8: Exposure controls/personal protection**

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

#### **8.1 Control parameters**

Components with limit values related to the work station which require monitoring: N/A

#### **8.2 Exposure controls**

**Exposure limit values:** Not applicable

##### **Limitation and monitoring of exposure in the work station:**

The product does not contain any relevant quantities of substances with limit values which have to be monitored in relation to work stations

**Respiratory protection:** N/A**Hand protection:** Hand protection recommended for oiled fasteners**Eye protection:** N/A**Body protection:** N/A**Limitation and monitoring of environmental exposure:** N/A

### **SECTION 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

##### **General information**

- (a) Form: mostly cylindrical
- (b) Colour: Metallic, shiny
- (c) Odour: Mostly none.
- (d) pH: Not relevant. solid
- (e) Melting point: N/A
- (f) Solubility: N/A
- (g) Ignition temperature: N/A
- (h) Flammability: Not relevant. Non combustible
- (i) Risk of explosion: N/A

#### **9.2 Other information**

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No further properties to report.

### **SECTION 10: Stability and reactivity**

**Not applicable.**

**Hazardous decomposition products:**

Not applicable

### **SECTION 11: Toxicological information**

To our knowledge, fasteners are toxicologically harmless.

For oiled fasteners the SDS for the product used in each case is authoritative.

### **SECTION 12: Ecological information**

For oiled fasteners the SDS for the product used in each case is authoritative.

The product is not considered damaging or hazardous.

### **SECTION 13: Disposal considerations**

**Product:**

**Recommendation:**

Recycle

**Non-cleaned packaging:**

**Recommendation:**

Disposal as per the regulations of the respective authorities

### **SECTION 14: Transport information**

Road transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS class:

Seeschiffstransport IMDG/GGVSee

IMDG/GGVSee class:

Air freight ICAO-TI and IATA-DGR

ICAO/IATA class:

Not classed as hazardous material according to the above ordinances as per the ordinance on hazardous materials

### **SECTION 15: Regulatory information**

**Regulations on safety, health and environmental protection/specific legal regulations for the substance or the mixture**

Water pollutant class (Annex 1 of VwVwS (Germany)): Not water-polluting.

**Substance safety assessment**

Substance safety assessment not required

Product is not classified as hazardous.

A safety data sheet for this product is not required by law and is only issued by us as a courtesy for our customer.

### **SECTION 16: Other information**

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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.

**Department issuing SDS:** R&D Department of Weber-Middle East

**Contact:**

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