

**Safety Data Sheet**

according to 1907/2006/EC, Article 31

Printing date 04/13/2011

Revision: 04/13/2011

**1 Identification of substance:**• **Product details:**• **Trade name:** **CONDURSAL 710**• **Application of the substance / the preparation**  
Water base Stop-Off Paint for Gas Carburizing• **Manufacturer/Supplier:**

Manufacturer:

NÜSSLE GmbH & Co. KG  
Isoliermittel für Härtetechnik  
Iselshausenstr. 55  
D-72202 NAGOLD  
GERMANY

Tel.: +49 (0)7452 93205- 0

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mail@nuessle-kg.de

Supplier:

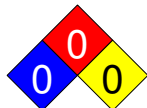
THE DUFFY COMPANY  
283 E. Hellen Rd. Palatine, Il. 60067-6954  
(847) 202-0000 Fax (847) 202-0004  
USA• **Informing department:** Laboratory Department• **Emergency information:**InfoTrac  
1-800-535-5053**2 Hazards identification**• **Hazard designation:** void• **Information pertaining to particular dangers for man and environment**

The product is alkaline.

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

• **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

• **NFPA ratings**

Health =0

Flammability =0

Reactivity =0

• **HMIS ratings**

Health = 0

Flammability = 0

Reactivity = 0

**3 Composition/information on ingredients**• **Chemical characterization**• **Description:** Solution of sodium silicates in water with inorganic fillers• **Dangerous components:** Void• **Additional information**

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

**4 First aid measures**• **General information**

No special measures required.

Take affected persons out of danger area and instruct to lie down.

• **After inhalation** Supply fresh air; consult doctor in case of symptoms.• **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

## Safety Data Sheet

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Trade name: CONDURSAL 710

(Contd. of page 1)

- **After eye contact**  
Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**  
Do not induce vomiting; instantly call for medical help.  
Rinse out mouth and then drink plenty of water.  
Seek medical treatment.

**5 Fire fighting measures**

- **Suitable extinguishing agents** Product is non-inflammable.
- **Protective equipment:** No special measures required.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter drains.

**6 Accidental release measures**

- **Person-related safety precautions:**  
Particular danger of slipping on leaked/spilled product.  
Wear protective clothing.
- **Measures for environmental protection:**  
Prevent material from reaching sewage system, holes and cellars.  
Do not allow to enter the ground/soil.  
Inform respective authorities in case product reaches water or sewage system.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous materials are released.

**7 Handling and storage**

- **Handling**
- **Information for safe handling:**  
Keep containers tightly sealed.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
The product is not flammable
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Store in cool location.  
Provide alkali-resistant floor.  
Do not use light alloy containers.  
Use only containers specifically permitted for this substance/product.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.

**8 Exposure controls and personal protection**

- **Additional information about design of technical systems:**  
No further data; see item 7.
- **Components with critical 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.
- **CAS No. Designation of material % Type Value Unit**  
No further data; see item 2.
- **Additional information:**  
The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to in handling the chemicals.  
Instantly remove any soiled and impregnated garments.  
Do not eat, drink or smoke while working.

(Contd. on page 3)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04/13/2011

Revision: 04/13/2011

Trade name: CONDURSAL 710

(Contd. of page 2)

- **Breathing equipment:** Not required.
- **Protection of hands:**  
Alkaline resistant gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
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.  
Fluorocarbon rubber (Viton)  
Nitrile rubber, NBR  
Butyl rubber, BR
- **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:** Safety glasses recommended during refilling.
- **Body protection:** Protective work clothing.

**9 Physical and chemical properties:**• **General Information**

<b>Form:</b>	Pasty
<b>Colour:</b>	Red-brown
<b>Smell:</b>	Mild

• **Change in condition**

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100°C

• **Flash point:**

Not applicable

• **Self-inflammability:**

Product is not selfigniting.

• **Danger of explosion:**

Product is not explosive.

• **Density at 20°C**1.9 g/cm<sup>3</sup> (DIN 53217)• **Solubility in / Miscibility with Water:**

Fully miscible

• **pH-value at 20°C:**

11

• **Viscosity:**

<b>dynamic at 20°C:</b>	4000-12000 mPas (Brookfield)
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• **Solvent content:**

<b>Water:</b>	30-40 %
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• **Solids content:**

60-70 %

• **Additional information**

Values are average.

**10 Stability and reactivity**

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions**  
Strong exothermic reaction with acids  
Reacts with light alloys to form hydrogen
- **Dangerous products of composition:**  
No dangerous decomposition products known

**11 Toxicological information**

- **Acute toxicity:**

(Contd. on page 4)

**Safety Data Sheet**

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Revision: 04/13/2011

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(Contd. of page 3)

- **Primary irritant effect:**
- **on the skin:** Irritant for skin and mucous membranes.
- **on the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12 Ecological information:**

- **General notes:**  
Water hazard class 2 (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even small quantities leak into soil.

**13 Disposal considerations**

- **Product:**
- **Waste disposal key number:**  
08 01 12 waste paint and varnish other than those mentioned in 08 01 11
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**14 Transport information**

- **ADR/RID-GGVS/E Class:** -
- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Designation according to EC guidelines:**  
Observe the normal safety regulations when handling chemicals  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **National regulations**
- **Water hazard class:**  
Water hazard class 2 (Self-assessment): hazardous for water.

**16 Other information:**

- These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- **Department issuing data specification sheet:** Laboratory department
  - **Contact:** H. Schinagl
  - **\* Data compared to the previous version altered.**