

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2009

Revision: 01.09.2008

1 Identification of substance

- **Product details**
- **Trade name** Injection Cream
- **Article number:** 0709
- **Application of the substance / the preparation** Anti-moisture agent
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Lönningen / Germany
Tel.: 05432/83-0
Fax: 05432/3985
- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
E-Mail: sales@remmers.co.uk
- **Emergency information:**
during working hours:
U.K.: Tel.: +44 (0) 845 373 0103
Far East: Tel.: +65(0) 67410277
Head Office Germany: Tel.: +49 (0)5432 83 185
after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment** not applicable
- **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.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Alkyl alkoxy silane and -siloxane, emulsion in water

- **Dangerous components:**

CAS: 64742-47-8	Distillates (petroleum), hydrotreated light	Xn; R 65-66	60-80%
EINECS: 265-149-8			

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information**
Immediately remove any clothing soiled by the product.
In case of irregular breathing or respiratory arrest, provide artificial respiration.
If symptoms occur or in case of doubt, seek medical attention. In case of unconsciousness, do not administer anything orally.
- **After inhalation**
Take affected persons into the open air and position comfortably
Seek medical treatment in case of complaints.
- **After skin contact**
Wash immediately with water and soap and rinse thoroughly.

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If skin irritation continues, consult a doctor.

· **After eye contact**

Rinse opened eye for several minutes under running water.

Seek medical treatment.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

Keep the person affected quiet.

· **Information for doctor**

· **The following symptoms may occur:**

In case of prolonged/repeated exposure or in high concentrations:

Headache

Dizziness

Skin contact may cause irritation.

Dry skin

· **Danger** Long-term or repeated exposure may cause inflammation of the skin (dermatitis).

· **Treatment**

symptomatic treatment

To avoid dermatitis (skin inflammation), use skin cream.

5 Fire fighting measures

· **Suitable extinguishing agents**

Foam

Water spray jet

Water mist

Dry extinguishing agents, carbon dioxide, sand or earth should only be used for small fires.

· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

· **Special hazards caused by the material, its products of combustion or flue gases:**

May be released in case of fire

Carbon monoxide (CO)

(in case of incomplete combustion)

Carbon dioxide

further harmful conflagration gases and fumes

(Traces)

· **Protective equipment:**

Wear self-contained breathing apparatus.

Body protection

· **Additional information**

Cool endangered containers with water spray jet.

Collect contaminated fire fighting water separately. It must not enter drains.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

· **Person-related safety precautions:**

Particular danger of slipping on leaked/spilled product.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

· **Measures for environmental protection:**

Do not allow product to reach sewage system or water bodies.

Do not allow to enter the ground/soil.

· **Measures for cleaning/collecting:**

Collect mechanically.

Send for recovery or disposal in suitable containers.

Ensure adequate ventilation.

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· **Additional information:** See Section 13 for information on disposal.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Use only in well ventilated areas.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**
 - Store cool and dry in tightly closed containers.
 - Store container in a well ventilated position.
 - Protect from frost.
 - Protect from heat and direct sunlight.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** Use only in well-ventilated areas.
- **Components with limit values that require monitoring at the workplace:**
 - The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
 - Keep away from food, beverages and animal feed.
 - Immediately remove soiled, saturated clothing.
 - Do not eat, drink or smoke while working.
 - Use skin protection cream for preventive skin protection.
 - Wash hands before pauses and after work.
 - Avoid contact with eyes and skin.
 - Do not inhale gases / vapours / aerosols.
- **Respiratory equipment:**
 - Respiratory protection if there is a risk of splashes/mist.
 - Short term filter device:
 - Filter A/P2.
- **Protection of hands:** Protective gloves.
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
 - Break through time: max. 240 min (DIN EN 374).
 - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
 - Safety glasses
 - if there is a risk of splashes
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· General Information

Form:	Pasty
Colour:	Different, according to dye
Odour:	Nearly odourless

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- **Change in condition**
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined
- **Flash point:** > 100°C
- **Self-inflammability:** Product is not self-igniting.
- **Danger of explosion:** Product is not explosive. However, formation of dangerous explosive vapour/air mixtures is possible.
- **Density at 20°C** 0.82 g/cm³
- **Solubility in / Miscibility with Water:** miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
 No decomposition if handled and stored according to specifications.
- **Materials to be avoided:**
 strong acids
 Strong bases
- **Dangerous reactions** Reacts with basic substances and acids by forming ethanol.
- **Dangerous decomposition products:**
 None if used properly.
 None if stored properly.
 Ethanol

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

64742-47-8 Distillates (petroleum), hydrotreated light

Oral	LD50	> 2000 mg/kg (Ratte)
Dermal	LD50	> 2000 mg/kg (Kaninchen)
Inhalative	LC50/4 h	> 5 mg/l (Ratte)

- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effect known.
- **Experience with humans:**
 Frequent or longer lasting skin contact may degrease and dry out skin which may lead to skin irritation and inflammation (dermatitis).
- **Additional toxicological information:**
 Alkoxy silane: Do not inhale aerosol mist because of the risk of lung damage.
 Products of hydrolysis:
 According to literature, ethanol (64-17-5) has an irritating effect on mucous membranes, a slightly irritation effect on skin, dries skin out, has a narcotic effect, and may cause liver damage.

12 Ecological information:

- **Information on elimination (persistence and degradability):**
- **Other information:** By hydrolysis: ethanol and silanol and/or siloxanol compounds.

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- **General notes:**

Water hazard class 1 : slightly hazardous to water.

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

13 Notes on disposal:

- **Product:**

- **Recommendation**

Do not dispose of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated in compliance with official regulations.

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11	waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

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

- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** -

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

- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

15 Regulatory information

- **Designation according to EC guidelines:**

The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).

Observe normal safety precautions for handling chemicals

- **National regulations**

- **Water hazard class:**

Water hazard class 1: slightly hazardous to water.

according to appendix 4 VwVwS

- **Other regulations, limitations and prohibition ordinances**

Observe the usual protective measures when working and for storage.

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.

Delivery specifications are found in the respective Technical Information Sheets.

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· **Relevant R-phrases**

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

· **Department issuing data specification sheet:** Product Safety department

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