

Safety Data Sheet acc. to OSHA HCS

Printing date 10/15/2014


Reviewed on 07/12/2013

1 Identification

- **Product identifier**
- **Trade name: Reinzoplast 80 ml**
- **Article number: 70-24571-20**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Non-crosslinking and non-hardening sealing preparation
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Reinz-Dichtungs-GmbH
Reinzstr. 3-7
D-89233 Neu-Ulm
Germany
Tel.: +49 (0)731-7046-0
- **Information department:**
Abteilung ASU
E-Mail: sdb.qus@dana.com
- **Emergency telephone number: +49 731 / 7046 - 301**

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labeled due to the calculation procedure of international guidelines.
Handle in accordance with good industrial hygiene and safety practice.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description: 80 ml tubes**

(Contd. on page 2)

Safety Data Sheet acc. to OSHA HCS

Printing date 10/15/2014

Reviewed on 07/12/2013

Trade name: Reinzoplast 80 ml

(Contd. of page 1)

- **Dangerous components:** Void

4 First-aid measures

- **Description of first aid measures**

- **General information:**

Take affected persons out into the fresh air.

If you feel unwell, seek medical advice. Ensure that medical personnel are aware of the materials involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Wash with water and soap.

If skin irritation continues, consult a doctor.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Rinse mouth with water

Drink several small amounts of water.

If symptoms persist consult doctor.

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed** Symptomatic treatment.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Formation of toxic gases is possible during heating or in case of fire.

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Hydrogen cyanide (HCN)

- **Advice for firefighters**

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

- **Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Avoid skin and eye contact.

Wear protective clothing.

Keep people at a distance and stay upwind.

Keep away from ignition sources

- **Environmental precautions:**

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

Do not allow to penetrate the ground/soil.

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

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 3)

USA

Safety Data Sheet acc. to OSHA HCS

Printing date 10/15/2014

Reviewed on 07/12/2013

Trade name: Reinzoplast 80 ml

(Contd. of page 2)

See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**
Use only in well ventilated areas.
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Avoid sources of ignition in case of heating or spraying.
- **Information about protection against explosions and fires:**
The general provisions of fire prevention must be considered.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store in dry conditions
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from feedstuffs.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Recommended storage temperature:** 5 °C - 35 °C
- **Storage class:** 11
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit 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.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
Change work clothing regularly and clean it.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**



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**
PVC gloves
Rubber 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.
- **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.

(Contd. on page 4)

USA

Safety Data Sheet acc. to OSHA HCS

Printing date 10/15/2014

Reviewed on 07/12/2013

Trade name: Reinzoplast 80 ml

(Contd. of page 3)

- **Eye protection:**



Tightly sealed goggles

Goggles recommended during refilling.

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Pasty
-------	-------

Color:	Blue
--------	------

- **Odor:** Odorless

- **Odour threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

Melting point/Melting range:	Undetermined.
------------------------------	---------------

Boiling point/Boiling range:	Undetermined.
------------------------------	---------------

- **Flash point:** > 392 °C (> 738 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Not determined.

- **Danger of explosion:** Not determined.

- **Explosion limits:**

Lower:	Not determined.
--------	-----------------

Upper:	Not determined.
--------	-----------------

- **Oxidizing properties** Not determined.

- **Vapor pressure:** Not determined.

- **Density:** Not determined.

- **Relative density at 20 °C (68 °F)** 1.18 g/cm³ (9.847 lbs/gal)

- **Vapour density at 20 °C (68 °F)** 2 g/cm³ (16.69 lbs/gal)

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water:	Insoluble.
--------	------------

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic at 20 °C (68 °F):	1000000 mPas
---------------------------	--------------

Kinematic:	Not determined.
------------	-----------------

- **Solvent content:**

Organic solvents:	0.0 %
-------------------	-------

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** Stable at standard temperatures and pressure.

- **Chemical stability** No dangerous reactions known under normal conditions.

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known.

- **Conditions to avoid**

Avoid heat, flames, sparks and other sources of ignition.

Temperatures above the flash point.

- **Incompatible materials:**

Strong oxidizers.

(Contd. on page 5)

Safety Data Sheet acc. to OSHA HCS

Printing date 10/15/2014

Reviewed on 07/12/2013

Trade name: Reinzoplast 80 ml

(Contd. of page 4)

- Strong alkalis.
- **Hazardous decomposition products:**
No dangerous decomposition products known.
In case of fire the following decomposition products can be released:
Carbon monoxide and carbon dioxide
Hydrogen cyanide (prussic acid)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No further relevant information available.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not completely tested. Further hazardous / toxic properties can not be excluded.
The product is not subject to classification according to internally approved calculation methods for preparations:
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.
- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:**
Empty containers totally (without drops or grains, cleaned with a spatula). Under observation of the relevant local respectively national regulations re-use or recycling is preferred.
Disposal must be made according to official regulations.

14 Transport information

- **UN-Number** non hazardous

(Contd. on page 6)

USA

Safety Data Sheet acc. to OSHA HCS

Printing date 10/15/2014

Reviewed on 07/12/2013

Trade name: Reinzoplast 80 ml

(Contd. of page 5)

- **UN proper shipping name**
- **DOT, ADR, IMDG, IATA** not regulated
- **Transport hazard class(es)**
- **DOT** not regulated
- **ADR**
- **Class** Not subject to ADR.
- **IMDG**
- **Class** Not subject to IMDG-Code.
- **IATA**
- **Class** Not subject to IATA-DGR.
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

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

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:** Department ASU
- **Contact:** Abteilung ASU
- **Date of preparation / last revision** 10/15/2014 / -

(Contd. on page 7)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/15/2014

Reviewed on 07/12/2013

Trade name: Reinzoplast 80 ml

(Contd. of page 6)

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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Sources

A detailed description about use and properties can be found in the technical data sheet. The latest version can be found: www.reinz.com

USA