

Trodat GmbH

4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 1 / 9

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

7011 Trodat Red

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant uses

Paint

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Trodat GmbH
 Linzerstr. 156
 4600 Wels / AUSTRIA
 Phone +43 (0) 7242 239 - 0
 Fax +43 (0) 7242 239 - 940
 Homepage www.trodat.net
 E-mail trodat@trodat.net

Address enquiries to

Technical information trodat@trodat.net
Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +43 (0) 1 406 43 43 (24h)
Company +43 (0) 7242 239 - 0 Mo-Fr 8:00 - 16:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

No classification.

2.2 Label elements

The product does not require a hazard warning label in accordance with GHS/CLP-directives.

Hazard pictograms none
Signal word none
Hazard statements none
Precautionary statements none
Special labelling Product treated with preservatives IPBC, CAS 55406-53-6.

2.3 Other hazards

Environmental hazards Does not contain any PBT or vPvB substances.
Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

Product-type:

The product is a mixture.

Comment on component parts

No dangerous components.
 Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

Trodat GmbH
4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 2 / 9

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|----------------------------|---|
| General information | Take off contaminated clothing and wash before reuse. |
| Inhalation | Ensure supply of fresh air. In the event of symptoms seek medical treatment. |
| Skin contact | When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Seek medical advice immediately. Rinse out mouth and give plenty of water to drink. Do not induce vomiting. |

4.2 Most important symptoms and effects, both acute and delayed

Headache

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Extinguish blanket.
Carbon dioxide.
Foam.

Extinguishing media that must not be used Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)
Nitrogen oxides (NO_x).
Chlorine compounds.

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.
Ensure adequate ventilation.
Keep away from all sources of ignition.
Wear suitable protective equipment. For personal protection see SECTION 8.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

Trodat GmbH

4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 3 / 9

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Take off contaminated clothing and wash before reuse.
Do not eat, drink or smoke when using this product.
Wash face and/or hands before break and end of work.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Provide floor with bunding.

Do not store together with oxidizing agents.

Keep container in a well-ventilated place.
Keep container tightly closed.
Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

not applicable

8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection If there is a risk of splashing:
Safety glasses. (EN 166:2001)

Hand protection 0,4 mm: butyl rubber, > 120 min (EN 374-1/-2/-3)
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection light protective clothing

Other Avoid contact with eyes and skin.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection Not required under normal conditions.
Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)

Thermal hazards not applicable

Delimitation and monitoring of the environmental exposition Comply with applicable environmental regulations limiting discharge to air, water and soil.

Trodat GmbH
4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 4 / 9

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|---------------------------|
| Form | liquid |
| Color | red |
| Odor | characteristic |
| Odour threshold | No information available. |
| pH-value | No information available. |
| pH-value [1%] | No information available. |
| Boiling point [°C] | No information available. |
| Flash point [°C] | > 146 |
| Flammability (solid, gas) [°C] | ca. 225 |
| Lower explosion limit | not applicable |
| Upper explosion limit | not applicable |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | ca. 0,01 (20 °C) |
| Density [g/ml] | No information available. |
| Bulk density [kg/m ³] | not applicable |
| Solubility in water | completely miscible |
| Partition coefficient [n-octanol/water] | No information available. |
| Viscosity | No information available. |
| Relative vapour density determined in air | No information available. |
| Evaporation speed | No information available. |
| Melting point [°C] | No information available. |
| Autoignition temperature [°C] | No information available. |
| Decomposition temperature [°C] | No information available. |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known.
In the event of fire: See SECTION 5.

Trodat GmbH
4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 5 / 9

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Serious eye damage/irritation Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Skin corrosion/irritation Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Respiratory or skin sensitisation Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — single exposure Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Mutagenicity Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks

No classification on the basis of the calculation procedure of the preparation directive.

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

Behaviour in environment compartments No information available.

Behaviour in sewage plant No information available.

Biological degradability No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

Ecological data of complete product are not available.

No classification on the basis of the calculation procedure of the preparation directive.

Trodat GmbH
4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 6 / 9

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Coordinate disposal with the authorities if necessary.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended) 080112

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150102

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

Trodat GmbH
4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 7 / 9

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EEC-REGULATIONS 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS DOT-Classification, ADR (2017); IMDG-Code (2017, 38. Amdt.); IATA-DGR (2017).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4

- Observe employment restrictions for people none

- VOC (2010/75/CE) not applicable

15.2 Chemical safety assessment

not applicable

Trodat GmbH

4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 8 / 9

SECTION 16: Other information**16.1 Abbreviations and acronyms:**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV@TWA = Threshold limit value – time-weighted average
 TLV@STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.2 Other information**Classification procedure****Modified position**

SECTION 15 been added: Product treated with preservatives [x].
 SECTION 6 been added: Wear suitable protective equipment. For personal protection see SECTION 8.
 SECTION 8 been added: Not required under normal conditions.
 SECTION 8 deleted: Respiratory protection mask in the event of high concentrations.
 SECTION 8 been added: butyl rubber, > 120 min (EN 374-1/-2/-3)
 SECTION 9 been added: No information available.
 SECTION 9 deleted: not determined
 SECTION 11 been added: Based on the available information, the classification criteria are not fulfilled.
 SECTION 11 been added: Toxicological data of complete product are not available.
 SECTION 11 deleted: not determined
 SECTION 12 been added: No information available.
 SECTION 12 deleted: not determined

Trodat GmbH

4600 Wels

Date printed 21.09.2017, Revision 07.04.2016

Version 02. Supersedes version: 01

Page 9 / 9



Copyright: Chemiebüro®

