

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013


Version number 2


Revision: 08.05.2013

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

- **Product identifier**
- **Trade name:** PAINT KILLER SPRAY/ Lackentferner 200ml
- **Article number:** 500908141
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Surface cleaning
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
DICKIE-TAMIYA MODELLBAU GmbH & Co. KG
Werkstr. 1
D-90765 Fürth
Telefon +49 (0911) 97
Telefax +49(0911) 976 285
E-Mail: tamiya@tamiya.de
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:**
Informationszentrale gegen Vergiftungen
Giftnotruf München Telefon +49 (089) 19240
Beratungsstelle f. Vergiftungen Berlin +49 (030) 19240

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 F+; Extremely flammable
R12: Extremely flammable.

R67: Vapours may cause drowsiness and dizziness.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
 F+ Extremely flammable
- **Risk phrases:**
12 Extremely flammable.
67 Vapours may cause drowsiness and dizziness.

(Contd. on page 2)

EU

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: PAINT KILLER SPRAY/ Lackentferner 200ml

(Contd. of page 1)

· **Safety phrases:**

- 2 Keep out of the reach of children.
- 16 Keep away from sources of ignition - No smoking.
- 23 Do not breathe spray.
- 51 Use only in well-ventilated areas.
- 56 Dispose of this material and its container to hazardous or special waste collection point.

· **Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Buildup of explosive mixtures possible without sufficient ventilation.

· **Classification in accordance with Directive 75/324/EEC: Extremely flammable**

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|---|---|----------|
| CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 | 1-methoxy-2-propanol R10-67 ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336 | 70-90% |
| CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 | butane ⚠ F+ R12 ⚠ Flam. Gas 1, H220; Flam. Liq. 1, H224; ⚠ Press. Gas, H280 | 10-20% |
| CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 | ethyl acetate ⚠ Xi R36; ⚠ F R11 R66-67 ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 | 1-10% |
| CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 | propane ⚠ F+ R12 ⚠ Flam. Gas 1, H220; Flam. Liq. 1, H224; ⚠ Press. Gas, H280 | 1-10% |
| CAS: 106-97-8 EINECS: 200-857-2 Index number: 601-004-00-0 | isobutane ⚠ F+ R12 ⚠ Flam. Gas 1, H220; Flam. Liq. 1, H224; ⚠ Press. Gas, H280 | 1-10% |
| · Regulation (EC) No 648/2004 on detergents / Labelling for contents | | |
| aliphatic hydrocarbons | | 15 - 30% |

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

EU

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: PAINT KILLER SPRAY/ Lackentferner 200ml

(Contd. of page 2)

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for 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**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about fire - and explosion protection:**
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: PAINT KILLER SPRAY/ Lackentferner 200ml

(Contd. of page 3)

- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
*Store in cool, dry conditions in well sealed receptacles.
 Protect from heat and direct sunlight.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.*
- **Storage class:** *2 B*
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls/personal protection

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

· **Ingredients with limit values that require monitoring at the workplace:**

107-98-2 1-methoxy-2-propanol

| | |
|--------------|---|
| IOELV | Short-term value: 568 mg/m ³ , 150 ppm |
| | Long-term value: 375 mg/m ³ , 100 ppm |
| | Skin |

- **Additional information:** *The lists valid during the making were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** *Wash hands before breaks and at the end of work.*
- **Respiratory protection:** *Not necessary if room is well-ventilated.*
- **Protection of hands:**



Protective 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**
*Butyl rubber, BR
 Recommended thickness of the material: \geq 0,5 mm
 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**
*Value for the permeation: Level 6
 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 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: PAINT KILLER SPRAY/ Lackentferner 200ml

(Contd. of page 4)

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

| | |
|--------------------|-----------------|
| Form: | Aerosol |
| Colour: | Colourless |
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |

· pH-value: Not determined.

· Change in condition

| | |
|------------------------------|-----------------------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | Not applicable, as aerosol. |

· Flash point: -60 °C

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 270 °C

· Decomposition temperature: Not determined.

· Self-igniting: Product is not selfigniting.

· Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits:

| | |
|--------|-----------|
| Lower: | 1,5 Vol % |
| Upper: | 8,5 Vol % |

· Vapour pressure at 20 °C: 3600 hPa

| | |
|---------------------|------------------------|
| · Density at 20 °C: | 0,81 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · Evaporation rate | Not applicable. |

· Solubility in / Miscibility with water: Fully miscible.

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

· Viscosity:

| | |
|------------|-----------------|
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |

· Solvent content:

| | |
|-------------------|----------|
| Organic solvents: | 100,0 % |
| VOC (EC) | 100,00 % |

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: PAINT KILLER SPRAY/ Lackentferner 200ml

(Contd. of page 5)

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

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

15 01 10* packaging containing residues of or contaminated by dangerous substances

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: PAINT KILLER SPRAY/ Lackentferner 200ml

(Contd. of page 6)

15 01 04 metallic packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **UN-Number**
· **ADR, IMDG, IATA** UN1950

· **UN proper shipping name**
· **ADR** 1950 AEROSOLS
· **IMDG** AEROSOLS
· **IATA** AEROSOLS, flammable

· **Transport hazard class(es)**

· **ADR**



· **Class** 2 5F Gases.
· **Label** 2.1

· **IMDG, IATA**



· **Class** 2.1
· **Label** 2.1

· **Packing group**

· **ADR, IMDG, IATA** Void

· **Environmental hazards:**

· **Marine pollutant:** No

· **Special precautions for user** Warning: Gases.

· **Danger code (Kemler):** -

· **EMS Number:** F-D,S-U

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **Transport/Additional information:**

· **ADR**
· **Limited quantities (LQ)** 1L
· **Transport category** 2
· **Tunnel restriction code** D

EU

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.05.2013

Version number 2

Revision: 08.05.2013

Trade name: **PAINT KILLER SPRAY/ Lackentferner 200ml**

(Contd. of page 7)

15 Regulatory information

· **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.

· **Relevant phrases**

H220 Extremely flammable gas.

H224 Extremely flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** Product safety department

· * **Data compared to the previous version altered.**