

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

Printing date 11.08.2014

Version number 37

Revision: 15.07.2014

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

- **1.1 Product identifier**
- **Trade name:** SIMPLY SPRAYSHEAT RESISTANT PAINT RED 400 ML
- **Article number:** SP012
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Paint
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MOTIP DUPLI B.V.
Wolframweg 2
NL- 8471 XC Wolvega
The Netherlands
Tel: +31 (0)561 694400
Fax: +31 (0)561 694411
e-mail info@nl.motipdupli.com
- **Further information obtainable from:** QHSE Department
- **1.4 Emergency telephone number:** +31 629058130 (24 h/d, 7 d/wk)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



F+; Extremely flammable

R12: Extremely flammable.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66-67: Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

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· **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.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Warning! Pressurized container.

Has a narcotizing effect.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS02 GHS07 GHS09

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)

Solvent naphtha (petroleum), light arom. (< 0,1 % benzol CAS nr. 71-43-2)

Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)

· **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P260 Do not breathe spray.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

P211 Do not spray on an open flame or other ignition source.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local regulations.

· **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterization: Mixtures**

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

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Trade name: **SIMPLY SPRAYSHEAT RESISTANT PAINT RED 400 ML**

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· Dangerous components:		
CAS: 64742-49-0 EC number: 921-024-6 Index number: 649-328-00-1 Reg.nr.: 01-2119475514-35-xxxx	Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)  Xn R65  Xi R38  F R11  N R51/53 R67 -----  Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H336	25-50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx	propane  F+ R12 -----  Flam. Gas 1, H220 Press. Gas, H280	12.5-20%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane  F+ R12 -----  Flam. Gas 1, H220 Press. Gas, H280	10-12.5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27-xxxx	isobutane  F+ R12 -----  Flam. Gas 1, H220 Press. Gas, H280	10-12.5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	xylene  Xn R20/21  Xi R38 R10 -----  Flam. Liq. 3, H226  Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	5-10%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35-xxxx	Solvent naphtha (petroleum), light arom. (< 0,1 % benzol CAS nr. 71-43-2)  Xn R65  Xi R37  N R51/53 R10-66-67 Carc. Cat. 2, Muta. Cat. 2 -----  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  STOT SE 3, H335-H336	2.5-5%
CAS: 12001-26-2	Mica substance with a Community workplace exposure limit	2.5-5%

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CAS: 64742-49-0 EINECS: 265-151-9 Index number: 649-328-00-1 Reg.nr.: 01-2119475133-43-xxxx	Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)  Xn R65  Xi R38  F R11  N R51/53 R67 -----  Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H336	1-2.5%
CAS: 162303-51-7 NLP: 500-687-1	Polybutyl titanate  Xi R38-41 R10 -----  Flam. Liq. 3, H226  Eye Dam. 1, H318  Skin Irrit. 2, H315	1-2.5%
CAS: 64741-69-1 EINECS: 265-071-4 Index number: 649-348-00-0 Reg.nr.: 01-2119480158-34-xxxx	Naphtha (petroleum), light hydrocracked  Xn R65  Carc. 1B, H350; Asp. Tox. 1, H304	0.1-1%

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

SECTION 4: First aid measures

- **4.1 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:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Keep away from ignition sources.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.

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- **6.4 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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **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.
- **7.2 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.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

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

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

106-97-8 butane

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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1330-20-7 xylene

WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
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12001-26-2 Mica

WEL	Long-term value: 10* 0.8** mg/m ³ *total inhalable **respirable
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· **Ingredients with biological limit values:**

1330-20-7 xylene

BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Wash hands before breaks and at the end of work.
 - Do not inhale gases / fumes / aerosols.
- **Respiratory protection:** Not required.

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- **Protection of hands:**
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves** Not required.
- **Penetration time of glove material** Not required.
- **Eye protection:** Not required.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Aerosol
 - **Colour:** According to product specification
 - **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:** < 0 °C (< 32 °F)
Not applicable, as aerosol.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** > 200 °C (> 392 °F)
- **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:** 0.6 Vol %
 - **Upper:** 10.9 Vol %
- **Vapour pressure at 20 °C (68 °F):** 3500 hPa (2625 mm Hg)
- **Density at 20 °C (68 °F):** 0.693 g/cm³ (5.783 lbs/gal)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - **Dynamic:** Not determined.
 - **Kinematic:** Not determined.
- **Solvent content:**
 - **Organic solvents:** 84.7 %
 - **EU-VOC:** 587.0 g/l
 - **EU-VOC in %:** 84.70 %

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- | | |
|--------------------------------|--|
| · Solids content: | 11.5 % |
| · 9.2 Other information | No further relevant information available. |

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

64742-49-0 Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>193 mg/m ³ (rat)

106-97-8 butane

Inhalative	LC50 / 4 h	658000 mg/m ³ (rat)
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1330-20-7 xylene

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	22.1 mg/m ³ (rat)

64742-95-6 Solvent naphtha (petroleum), light arom. (< 0,1 % benzol CAS nr. 71-43-2)

Oral	LD50	3592 mg/kg (rat) (OECD401)
Dermal	LD50	>3160 mg/kg (rab) (OECD402)
Inhalative	LC50 / 4 h	>6193 mg/m ³ (rat)

64742-49-0 Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>193 mg/m ³ (rat)

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

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

64742-49-0 Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)

LC50	127-159 mg/l (Leuciscus idus)
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1330-20-7 xylene

EC50 / 48 h 7.4 mg/l (daphnia magna)

LC50 / 96 h 13.5 mg/l (fish)

64742-95-6 Solvent naphtha (petroleum), light arom. (< 0,1 % benzol CAS nr. 71-43-2)

EC50 / 24 h 150 mg/l (daphnia magna)

EC50 / 48 h 7.4 mg/l (daphnia magna)

LC50 / 96 h 3.77 mg/l (fish)

64742-49-0 Naphtha (petroleum), hydrotreated light (< 0,1 % benzol CAS nr. 71-43-2)

LC50 127-159 mg/l (Leuciscus idus)

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **Ecotoxicological effects:**· **Remark:** Toxic for fish· **Additional ecological information:**· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations**· **13.1 Waste treatment methods**· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

15 01 04 metallic packaging

· **Uncleaned packaging:**· **Recommendation:** Non contaminated packagings may be recycled.**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, IMDG, IATA**

UN1950

· **14.2 UN proper shipping name**· **ADR**

1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

· **IMDG**

AEROSOLS

· **IATA**

AEROSOLS, flammable

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· 14.3 Transport hazard class(es)

· ADR



· Class 2 5F Gases.
· Label 2.1

· IMDG, IATA



· Class 2.1
· Label 2.1

· 14.4 Packing group

· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

· Marine pollutant: No

· 14.6 Special precautions for user

Warning: Gases.
· Danger code (Kemler): -
· EMS Number: F-D,S-U

· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

· Transport/Additional information:

· ADR

· Limited quantities (LQ) 1L
· Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity
· Transport category 2
· Tunnel restriction code D

· IMDG

· Limited quantities (LQ) 1L
· Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

· UN "Model Regulation":

UN1950, AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

* **SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.
· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

* **SECTION 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.

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· **Relevant phrases**

- H220 Extremely flammable gas.
 H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H280 Contains gas under pressure; may explode if heated.
 H304 May be fatal if swallowed and enters airways.
 H312 Harmful in contact with skin.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H350 May cause cancer.
 H411 Toxic to aquatic life with long lasting effects.
- R10 Flammable.
 R11 Highly flammable.
 R12 Extremely flammable.
 R20/21 Harmful by inhalation and in contact with skin.
 R37 Irritating to respiratory system.
 R38 Irritating to skin.
 R41 Risk of serious damage to eyes.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65 Harmful; may cause lung damage if swallowed.
 R66 Repeated exposure may cause skin dryness or cracking.
 R67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS: QHSE Department**

· **Contact: Mr. K. Smedeman**

· **Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ICAO: International Civil Aviation Organization
 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
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 Flam. Gas 1: Flammable gases, Hazard Category 1
 Flam. Aerosol 1: Flammable aerosols, Hazard Category 1
 Press. Gas: Gases under pressure: Compressed gas
 Flam. Liq. 2: Flammable liquids, Hazard Category 2
 Flam. Liq. 3: Flammable liquids, Hazard Category 3
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
 Carc. 1B: Carcinogenicity, Hazard Category 1B
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
 Asp. Tox. 1: Aspiration hazard, Hazard Category 1
 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
- *** Data compared to the previous version altered.**