



SAFETY DATA SHEET

Simoniz Very High Temperature Paint RED

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

1.1. Product identifier

Product name	Simoniz Very High Temperature Paint RED
Product number	SIMVHT23C, SIMVHT23D
UFI	UFI: 825V-N2E0-K67V-MQJR
EU REACH registration notes	This is a MIXTURE; no registration information contained in this document. Holts are classed as Downstream User.

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

Identified uses	Car maintenance product. Paint.
------------------------	---------------------------------

1.3. Details of the supplier of the safety data sheet

Supplier	Holt Lloyd Services 52 Rue des 40 Mines, 60000 – Allonne, France Phone: +33 (0)3 64 99 00 32 info@holtsauto.com
Contact person	Contact email address: info@holtsauto.com
Manufacturer	Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com

1.4. Emergency telephone number

Emergency telephone	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
----------------------------	--

Simoniz Very High Temperature Paint RED

National emergency telephone number +43 1 31304 5620; chemikalien@umweltbundesamt.at (Austria)
 +32022649636; info@poisoncentre.be (Belgium)
 +359 2 9154 409; poison_centre@mail.orbitel.bg (Bulgaria)
 +38514686910; toksikologija@hzjz.hr (Croatia)
 +35722405611; cy-chemregistry@dli.mlsi.gov.cy (Cyprus)
 +420267082257; biocidy@mzcr.cz (Czech Republic)
 +45 72 54 40 00; mst@mst.dk (Denmark)
 +372 794 3500; clp@terviseamet.ee, info@terviseamet.ee (Estonia)
 +358 5052 000; kirjaamo@tukes.fi (Finland)
 + 33 3 83 85 21 92; bnpc@chru-nancy.fr (France)
 +49-30-18412-0; bfr@bfr.bund.de (Germany)
 +302106479250; +302106479450; devxp.gcs@aade.gr, environment.gcs@aade.gr (Greece)
 +36 (1) 476 1135; clp.ca@nnk.gov.hu (Hungary)
 +354 543 22 22; eitur@landspitali.is (Iceland)
 +353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie (Ireland)
 +390649906140; inscweb@iss.it (Italy)
 +371 67032600; lvgmc@lvgmc.lv (Latvia)
 +370 70662008; aaa@aaa.am.lt (Lithuania)
 +320 22649636; +352 24785551; info@poisoncentre.be; direction-sante@ms.etat.lu (Luxembourg)
 +356 2395 2000; info@mccaa.org.mt (Malta)
 +31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands)
 +4573580500; produktregisteret@miljodir.no / +47 21 07 70 00; folkehelseinstituttet@fhi.no (Norway)
 +48 42 2538 400; biuro@chemikalia.gov.pl (Poland)
 +351 800 250 250; ciav.tox@inem.pt (Portugal)
 +40213183606; infotox@insp.gov.ro (Romania)
 +7 495 621 6885; +7 495 628 1687; rtiac@mail.ru; rtiac2003@yahoo.com (Russia)
 +421 2 5465 2307; ntic@ntic.sk (Slovakia)
 + 386 1 522 1293; gp.ukc@kclj.si (Slovenia)
 +34 917689800; intcf.doc@justicia.es (Spain)
 +46104566750; giftinformation@gic.se (Sweden)
 +44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Aerosol 1 - H222, H229
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards	Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms



Signal word

Danger

Simoniz Very High Temperature Paint RED

Hazard statements	H222 Extremely flammable aerosol. H229 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. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing spray. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/ container in accordance with national regulations.
UFI	UFI: 825V-N2E0-K67V-MQJR
Contains	Naphtha (petroleum),hydrotreated light, Hydrocarbons, C9, aromatics
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Naphtha (petroleum),hydrotreated light	25-50%
CAS number: 64742-49-0	EC number: 265-151-9
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
PROPANE	10-25%
CAS number: 74-98-6	EC number: 200-827-9
Classification Flam. Gas 1A - H220	

Simoniz Very High Temperature Paint RED

BUTANE	10-25%
CAS number: 106-97-8 EC number: 203-448-7	
Classification Flam. Gas 1A - H220 Press. Gas	
ISOBUTANE	10-25%
CAS number: 75-28-5 EC number: 200-857-2	
Classification Flam. Gas 1A - H220 Press. Gas	
XYLENE	5-10%
CAS number: 1330-20-7 EC number: 215-535-7	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	
Hydrocarbons, C9, aromatics	1-5%
CAS number: 128601-23-0 EC number: 918-668-5	
Classification Flam. Liq. 3 - H226 STOT SE 3 - H335, H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
Mica	1-5%
CAS number: 12001-26-2 EC number: 601-648-2	
Classification Not Classified	
Tetra-n-butyl titanate, polymer with water	1-5%
CAS number: 162303-51-7 EC number: 500-687-1	
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	

Simoniz Very High Temperature Paint RED

Solvent naphtha (petroleum), hydrotreated light naphthenic	1-5%
CAS number: 92062-15-2	EC number: 295-529-9
Classification	
Flam. Liq. 2 - H225	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
ETHYLBENZENE	1-5%
CAS number: 100-41-4	EC number: 202-849-4
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H332	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. Prolonged or repeated exposure may cause severe irritation.
Eye contact	Causes serious eye irritation. Prolonged or repeated exposure may cause severe irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
-------------------------------------	--

5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
-------------------------	--

Simoniz Very High Temperature Paint RED

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Keep away from heat, sparks and open flame. Avoid spilling. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Do not expose to temperatures exceeding 50°C/122°F.

Storage class Aerosol containers and lighters Flammable compressed gas storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

ISOBUTANE

Long-term exposure limit (8-hour TWA): OES 800 ppm

Short-term exposure limit (15-minute): OES 800 ppm

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

Mica

Simoniz Very High Temperature Paint RED

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 0.8 mg/m³ respirable dust

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 441 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 125 ppm(Sk) 552 mg/m³(Sk)

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

Naphtha (petroleum),hydrotreated light (CAS: 64742-49-0)

DNEL

Workers - Inhalation, Neurotoxicity; Short term Acute: 1286.4 mg/m³

Workers - irritation (respiratory tract); Long term local effects: 837.5 mg/m³

Workers - irritation (respiratory tract); Short term Acute: 1066.67 mg/m³

Workers - Hazard for the eyes

no hazard identified

General population - Inhalation, Neurotoxicity; Short term Acute: 1152 mg/m³

General population - irritation (respiratory tract); Long term local effects: 178.57 mg/m³

General population - irritation (respiratory tract); Short term Acute: 640 mg/m³

General Population - Hazard for the eyes

no hazard identified

XYLENE (CAS: 1330-20-7)

DNEL

Consumer - Dermal; Long term systemic effects: 108 mg/kg/day

Workers - Dermal; Long term systemic effects: 180 mg/kg/day

Consumer - Inhalation; Short term local effects: 174 mg/m³

Consumer - Inhalation; Short term systemic effects: 174 mg/m³

Workers - Inhalation; Short term systemic effects: 289 mg/m³

Workers - Inhalation; Short term local effects: 289 mg/m³

Consumer - Inhalation; Long term systemic effects: 14.8 mg/m³

Workers - Inhalation; Long term systemic effects: 77 mg/m³

Hydrocarbons, C9, aromatics (CAS: 128601-23-0)

DNEL

Industry - Dermal; : 25 mg/kg bw/day

Industry - Inhalation; : 150 mg/m³

Consumer - Dermal; : 11 mg/kg bw/day

Consumer - Inhalation; : 32 mg/m³

Consumer - Oral; : 11 mg/kg bw/day

Tetra-n-butyl titanate, polymer with water (CAS: 162303-51-7)

DNEL

Workers - Inhalation; Long term systemic effects: 127 mg/m³

Workers - Hazard for the eyes

medium hazard (no threshold derived)

General population - Inhalation; Long term systemic effects: 5.43 mg/m³

General population - Dermal; Long term systemic effects: 0.625 mg/kg/day

General population - Oral; Long term systemic effects: 0.625 mg/kg/day

General Population - Hazard for the eyes

medium hazard (no threshold derived)

Simoniz Very High Temperature Paint RED

PNEC	<p>Fresh water; 0.08 mg/l</p> <p>Intermittent release, Fresh water; 2.25 mg/l</p> <p>marine water; 0.008 mg/l</p> <p>STP; 66 mg/l</p> <p>Sediment (Freshwater); 0.069 mg/kg sediment dry weight</p> <p>Sediment (Marinewater); 0.007 mg/kg sediment dry weight</p> <p>Soil; 0.017 mg/kg soil dry weight</p>
-------------	---

ETHYLBENZENE (CAS: 100-41-4)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 77 mg/m³</p> <p>Workers - irritation (respiratory tract); Short term Acute: 293 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 180 mg/kg/day</p> <p>Workers - Hazard for the eyes</p> <p>low hazard (no threshold derived)</p> <p>General population - Inhalation; Long term systemic effects: 15 mg/m³</p> <p>General population - Oral; Long term systemic effects: 1.6 mg/kg/day</p> <p>General Population - Hazard for the eyes</p> <p>low hazard (no threshold derived)</p>
PNEC	<p>Fresh water; 0.1 mg/l</p> <p>Intermittent release, Fresh water; 0.1 mg/l</p> <p>marine water; 0.01 mg/l</p> <p>STP; 9.6 mg/l</p> <p>Sediment (Freshwater); 13.7 mg/kg sediment dry weight</p> <p>Sediment (Marinewater); 1.37 mg/kg sediment dry weight</p> <p>Soil; 2.68 mg/kg soil dry weight</p> <p>Secondary Poisoning (Hazard for Predators) - Oral; 200 mg/kg food</p>

8.2. Exposure controls

Protective equipment



Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Butyl rubber. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Red.

Simoniz Very High Temperature Paint RED

Odour	Characteristic.
Flash point	< 0°C Closed cup.
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 0.6 % Upper flammable/explosive limit: 10.9 %
Vapour pressure	3500 hPa @ 20°C
Relative density	0.693 @ 20°C
Solubility(ies)	Immiscible with water.
Auto-ignition temperature	> 200°C

9.2. Other information

Volatile organic compound	This product contains a maximum VOC content of 613.3 g/litre. UK: (cat B/e): 840 g/l . This product contains a maximum VOC content of 88.5 %.
----------------------------------	---

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No test data specifically related to reactivity available for this product or its ingredients.
-------------------	--

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
------------------	---

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
---	---

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.
----------------------------	---

10.5. Incompatible materials

Materials to avoid	No specific requirements are anticipated under normal conditions of use.
---------------------------	--

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Carbon dioxide (CO ₂). Carbon monoxide (CO).
---	---

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
-------------------------------------	--

Acute toxicity - dermal

Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
---------------------------------------	--

ATE dermal (mg/kg)	25,000.0
---------------------------	----------

Acute toxicity - inhalation

Notes (inhalation LC₅₀)	Based on available data the classification criteria are not met.
---	--

ATE inhalation (gases ppm)	257,142.86
-----------------------------------	------------

ATE inhalation (vapours mg/l)	112.82
--------------------------------------	--------

Simoniz Very High Temperature Paint RED

ATE inhalation (dusts/mists mg/l)	85.71
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Causes skin irritation.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye irritation.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	May cause drowsiness or dizziness.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant.
<u>Inhalation</u>	
Inhalation	Vapours may cause headache, fatigue, dizziness and nausea.
<u>Ingestion</u>	
Ingestion	May cause discomfort if swallowed.
<u>Skin contact</u>	
Skin contact	Causes skin irritation. Prolonged or repeated exposure may cause severe irritation.
<u>Eye contact</u>	
Eye contact	Causes serious eye irritation. Prolonged or repeated exposure may cause severe irritation.
<u>Route of exposure</u>	
Route of exposure	Inhalation Skin and/or eye contact

Toxicological information on ingredients.

Naphtha (petroleum),hydrotreated light

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Simoniz Very High Temperature Paint RED

Notes (inhalation LC₅₀)	LC50 > 5610 mg/m ³ , Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	No adverse effect observed (not irritating)
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	No adverse effect observed (not irritating)
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	No adverse effects observed (negative)
Genotoxicity - in vivo	No adverse effects observed (negative)
<u>Carcinogenicity</u>	
Carcinogenicity	NOAEC 9869 mg/m ³ , Inhalation, Rat No adverse effects observed.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Two-generation study - NOAEC > 24700 mg/m ³ , Inhalation, Rat No adverse effects observed.
Reproductive toxicity - development	Developmental toxicity: - NOAEC: 23900 mg/m ³ , Inhalation, Rat Developmental toxicity: - NOAEL: 500 mg/kg/day, Dermal, Rat No adverse effects observed.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Conclusive data but not sufficient for classification.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Conclusive data but not sufficient for classification.
<u>Aspiration hazard</u>	
Aspiration hazard	May be fatal if swallowed and enters airways.

PROPANE

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat
ATE oral (mg/kg)	5,000.0

BUTANE

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat

Simoniz Very High Temperature Paint RED

ISOBUTANE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

XYLENE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,523.0

Species Rat

ATE oral (mg/kg) 3,523.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rabbit

ATE dermal (mg/kg) 2,000.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 29,000.0

Species Rat

Species Human

ATE inhalation (vapours mg/l) 11.0

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Hydrocarbons, C9, aromatics

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,492.0

Species Rat

Simoniz Very High Temperature Paint RED

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 3,160.0 mg/kg

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 6,193.0

Species Rat

Skin corrosion/irritation

Skin corrosion/irritation Causes mild skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness. May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Tetra-n-butyl titanate, polymer with water

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 5300 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC50 > 20100 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Simoniz Very High Temperature Paint RED

Skin corrosion/irritation	Causes skin irritation.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye damage.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Negative.
Genotoxicity - in vivo	Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	No information available.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	One-generation study - NOAEC 18500 mg/m ³ , Inhalation, Rat F1
Reproductive toxicity - development	Developmental toxicity: - NOAEC: 10800 mg/m ³ , Inhalation, Rat No adverse effects observed.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	May cause drowsiness or dizziness. May cause respiratory irritation
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Conclusive data but not sufficient for classification.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant.

ETHYLBENZENE

<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	LD ₅₀ 3500 mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ 15400 mg/kg, Dermal, Rabbit
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	Harmful if inhaled. LC ₅₀ 17629 mg/m ³ , Inhalation, Mouse
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Not irritating.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Based on available data the classification criteria are not met.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.

Simoniz Very High Temperature Paint RED

Skin sensitisation

Skin sensitisation No adverse effects observed (not sensitising)

Germ cell mutagenicity

Genotoxicity - in vitro No adverse effects observed (negative)

Genotoxicity - in vivo No adverse effects observed (negative)

Carcinogenicity

Carcinogenicity NOAEC 1085.13 mg/m³, Inhalation, Rat Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEC 4342.13 mg/m³, Inhalation, Rat F1 Based on available data the classification criteria are not met.

Reproductive toxicity - development Developmental toxicity: - NOAEL: 750 mg/kg/day, Oral, Rat Developmental toxicity: - NOAEC: 434.21 mg/m³, Inhalation, Mouse No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure Conclusive data but not sufficient for classification.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Target organs Hearing organs

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Ecological information on ingredients.

Hydrocarbons, C9, aromatics

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish No information available.

Acute toxicity - aquatic invertebrates Not available.

Acute toxicity - aquatic plants Not available.

Acute toxicity - microorganisms Not available.

Acute toxicity - terrestrial Not available.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage Not available.

Simoniz Very High Temperature Paint RED

Short term toxicity - embryo and sac fry stages Not available.

Chronic toxicity - aquatic invertebrates Not available.

Ecological information on ingredients.

Naphtha (petroleum),hydrotreated light

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours: 10 mg/l, Oncorhynchus mykiss (Rainbow trout)
LL₅₀, 96 hours: 8.2 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EL50, 48 hours: 4.5 mg/l, Daphnia magna

Acute toxicity - aquatic plants EL50, 72 hours: 3.1 mg/l, Pseudokirchneriella subcapitata
NOELR, 72 hours: 0.5 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms LL₅₀, 72 hours: 15.41 mg/l, Tetrahymena pyriformis

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOELR, 21 days: 2.6 mg/l, Daphnia magna

XYLENE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 13.5 hours: 96 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 7.4 hours: 48 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 1-10 mg/l, Algae

Hydrocarbons, C9, aromatics

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 9.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 3.2 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 2.9 mg/l, Algae
NOEC, 71 hours: 1 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 28 days: 1.23 mg/l, Oncorhynchus mykiss (Rainbow trout)

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 2.14 mg/l, Daphnia magna

Tetra-n-butyl titanate, polymer with water

Acute aquatic toxicity

Simoniz Very High Temperature Paint RED

Acute toxicity - fish	LC ₅₀ , 96 hours: 1825 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	LC ₅₀ , 48 hours: 1300 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC10, 96 hours: 134 mg/l, Pseudokirchneriella subcapitata EC ₅₀ , 96 hours: 225 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	Toxicity threshold, 16 hours: 650 mg/l, Pseudomonas putida

ETHYLBENZENE

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 4.2 mg/l, Oncorhynchus mykiss (Rainbow trout) LC ₅₀ , 96 hours: 5.1 mg/l, Menidia menidia (Atlantic silverside)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 1.8 mg/l, Daphnia magna LC ₅₀ , 48 hours: 3.2 mg/l, Ceriodaphnia dubia LC ₅₀ , 96 hours: 2.6 mg/l, Mysid shrimp, Americamysis bahia
Acute toxicity - aquatic plants	EC ₅₀ , 96 hours: 3.6 mg/l, Pseudokirchneriella subcapitata EC10, NOEC, 96 hours: 3.4 mg/l, Pseudokirchneriella subcapitata EC ₅₀ , 96 hours: 7.7 mg/l, Skeletonema costatum EC10, NOEC, 96 hours: 4.5 mg/l, Skeletonema costatum
Acute toxicity - microorganisms	EC ₅₀ , 24 hours: 96 mg/l, Nitrosomonas sp.
Acute toxicity - terrestrial	LC ₅₀ , 48 hours: 0.047 mg/cm ² , Eisenia Fetida (Earthworm)
<u>Chronic aquatic toxicity</u>	
Chronic toxicity - aquatic invertebrates	LC ₅₀ , 7 days: 3.6 mg/l, Ceriodaphnia dubia NOEL, 7 days: 1.0 mg/l, Ceriodaphnia dubia

12.2. Persistence and degradability

Persistence and degradability Expected to be readily biodegradable.

Ecological information on ingredients.

XYLENE

Biodegradation The substance is readily biodegradable.

Hydrocarbons, C9, aromatics

Biodegradation Rapidly degradable
Water - Degradation 78%: 28 days

Tetra-n-butyl titanate, polymer with water

Persistence and degradability Rapidly degradable (hydrolysis)

Stability (hydrolysis) pH4, pH7, pH9 - Half-life : < 2 hours @ 25°C
The substance is readily biodegradable.

ETHYLBENZENE

Simoniz Very High Temperature Paint RED

Persistence and degradability Rapidly degradable 28 days 79%

Phototransformation Air - Half-life 50%: 2.3 days

12.3. Bioaccumulative potential

Ecological information on ingredients.

Hydrocarbons, C9, aromatics

Partition coefficient log Pow: < 4.5

Tetra-n-butyl titanate, polymer with water

Bioaccumulative potential Scientifically unjustified.

Partition coefficient Log Kow (Log Pow): 0.84 @ 25 deg C

ETHYLBENZENE

Bioaccumulative potential BCF: 110, QSAR

Partition coefficient Log Kow (Log Pow): 3.6 @ 20 deg C

12.4. Mobility in soil

Ecological information on ingredients.

Tetra-n-butyl titanate, polymer with water

Adsorption/desorption coefficient Soil - Koc: 3471 L/Kg @ 29°C QSAR Read-across data. REACH dossier information.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

Naphtha (petroleum),hydrotreated light

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

Hydrocarbons, C9, aromatics

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

Tetra-n-butyl titanate, polymer with water

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

ETHYLBENZENE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Simoniz Very High Temperature Paint RED

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS (CONTAINS Naphtha (petroleum),hydrotreated light, Hydrocarbons, C9, aromatics)

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels



14.4. Packing group

ADR/RID packing group	None
IMDG packing group	None
ICAO packing group	None
ADN packing group	None

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Simoniz Very High Temperature Paint RED

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

15.2. Chemical safety assessment

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ATE: Acute Toxicity Estimate.
 BOD: Biochemical Oxygen Demand.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 EC₅₀: 50% of maximal Effective Concentration.
 GHS: Globally Harmonized System.
 IARC: International Agency for Research on Cancer.
 IATA: International Air Transport Association.
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
 IMDG: International Maritime Dangerous Goods.
 LC50: Lethal Concentration to 50 % of a test population.
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 LOEC: Lowest Observed Effect Concentration.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 SVHC: Substances of Very High Concern.
 UVCB - Unknown or variable composition, complex reaction products or Biological materials.
 vPvB: Very Persistent and Very Bioaccumulative.

Revision date	17/07/2021
Revision	7
Supersedes date	17/01/2017

Simoniz Very High Temperature Paint RED

SDS number	14201
Hazard statements in full	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst 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. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.