

Safety data sheet according to 1907/2006/EC, Article 31 Printing date 02.06.2015 Version number 40 Revision: 02.06.2015 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: MOTIP HEAT RESITANT LACQUER Red • Article number: 04040 · 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 \cdot 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: MOTIP DUPLI B.V. Wolfraamweg 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 (0)561-694400 (09:00h - 17:00h) **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 GHS02 flame H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. Flam. Aerosol 1 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. · 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.

GB

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

Trade name: MOTIP HEAT RESITANT LACQUER Red

	(Contd. of page 1)
	r repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent. Pressurised container.
	cotising effect.
	tion system:
The class data.	ification is according to the latest editions of the EU-lists, and extended by company and literature
· 2.2 Label	elements
· Labelling	according to Regulation (EC) No 1272/2008
	ict is classified and labelled according to the CLP regulation.
\cdot Hazard p	ictograms
\wedge	\wedge \wedge
JHL	
<u>(5</u>)	
GHS02	GHS07 GHS09
· Signal wo	ord Danger
· Hazard-d	etermining components of labelling:
	(petroleum), hydrotreated light
	aphtha (petroleum), light arom.
· Hazard st	
	29 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.
· Precautio	nary statements
P102	Keep out of reach of children.
P260	Do not breathe spray.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P211	Do not spray on an open flame or other ignition source.
	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local regulations.
	ll information:
	Repeated exposure may cause skin dryness or cracking.
· 2.3 Other	
	f PBT and vPvB assessment
	t applicable. t applicable.
· VE VD: NO	i applicable.
SECTIO	ON 3: Composition/information on ingredients
	ical characterisation: Mixtures
· Description	on: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

(Contd. on page 3) GB Page 3/11

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

Trade name: MOTIP HEAT RESITANT LACQUER Red

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	25-50%
EC number: 921-024-6	Xn R65 Xi R38 F R11	
	N R51/53 R67 I R67	
	Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	
EINECS: 200-827-9 Index number: 601-003-00-5	propane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	12.5-20%
EINECS: 203-448-7	butane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	10-12.5%
EINECS: 200-857-2	isobutane F+ R12 Flam. Gas 1, H220 Press. Gas C, H280	10-12.5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	🚸 Flam. Liq. 3, H226	5-10%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35-xxxx	 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315 Solvent naphtha (petroleum), light arom. Xn R65 Xi R37 N R51/53 R10-66-67 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336 	2.5-5%
EINECS: 202-849-4 Index number: 601-023-00-4	ethylbenzene Xn R20 F R11 F R11 Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332	1-2.5%
EC number: 926-605-8 Index number: 649-341-00-2 Reg.nr.: 01-2119486291-36-xxxx	Solvent naphtha (petroleum), hydrotreated light naphthenic Xn R65 F R11 N R51/53 R66-67 Flam. Liq. 2, H225	1-2.5%
	Asp. Tox. 1, H304 Aquatic Chronic 2, H411	

Page 4/11

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

Trade name: MOTIP HEAT RESITANT LACQUER Red

CAS: 162303-51-7	Polybutyl titanate (Co	ntd. of pag 1-2.5%
NLP: 500-687-1	Xi R38-41 R10 I Giybury Intended R10	1 2.3
	Eye Dam. 1, H318 Skin Irrit. 2, H315	
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	0.1-19
EC number: 931-254-9	🗙 Xn R65	
Reg.nr.: 01-2119484651-34-xxxx	🗙 Xi R38	
	👌 F R11	
	N R51/53	
	<i>R</i> 67	
	🚸 Flam. Liq. 2, H225	
	Asp. Tox. 1, H304	
	Aquatic Chronic 2, H411	
	♦ STOT SE 3, H336	
CAS: 92045-53-9	Naphtha (petroleum), hydrodesulfurized light dearomatized	0.1-12
EC number: 927-510-4	X n R65	
Reg.nr.: 01-2119475515-33-xxxx		
	b F R11	
	N R51/53	
	<i>R</i> 67	
	(b) Flam. Liq. 2, H225	
	Asp. Tox. 1, H304	
	Aquatic Chronic 2, H411	
	🚯 Skin Irrit. 2, H315; STOT SE 3, H336	

· 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.

(Contd. on page 5)

GB

Page 5/11

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

Trade name: MOTIP HEAT RESITANT LACQUER Red

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.
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.
5.1 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.

Pressurised 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 pressurised 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/m³, 750 ppm	
Long-term value: 1450 mg/m ³ , 600 ppm	
Carc (if more than 0.1% of buta-1.3-diene)	
1330-20-7 xylene	
WEL Short-term value: 441 mg/m³, 100 ppm	
Long-term value: 220 mg/m ³ , 50 ppm	
Sk; BMGV	
100-41-4 ethylbenzene	
WEL Short-term value: 552 mg/m ³ , 125 ppm	
Long-term value: 441 mg/m ³ , 100 ppm	
Sk	
· Ingredients with biological limit values:	
1330-20-7 xylene	
BMGV 650 mmol/mol creatinine	
Medium: urine	
Sampling time: post shift	
Parameter: methyl hippuric acid	
• Additional information: The lists valid during the making were used as basis.	
	(Contd. on page 6)
	GB

Page 6/11

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

Trade name: MOTIP HEAT RESITANT LACQUER Red

(Contd. of page 5)

- · 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.
- 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

Odour threshold:Not determined.pH-value:Not determined.Change in condition Melting point/Melting range:Undetermined. 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 selfigniting.Explosion limits: Lower:0.6 Vol % 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) Not determined.Vapour density Vapour densityNot determined.Vapour density Vapour densityNot determined.Not determined.Xelf Vapour density Not determined.		eneral Information
Colour:According to product specificationOdour:CharacteristicOdour threshold:Not determined.pH-value:Not determined.Change in condition Melting point/Melting range: Boiling point/Boiling range:Undetermined.Boiling point/Melting range: Boiling point/Boiling range:Undetermined.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 selfigniting.Lower: Upper:0.6 Vol % 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 densityNot determined.Solubility in / Miscibility with		-
Odour: Odour threshold:Characteristic Not determined.pH-value:Not determined.Change in condition Melting point/Melting range: Boiling point/Melting range:Undetermined.Melting point/Melting range: Boiling point/Melting range:Undetermined.Flash point:< 0 °C (< 32 °F) Not applicable, as aerosol.Flammability (solid, gaseous):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 explosiv vapour mixtures are possible.Explosion limits: Lower: Upper:0.6 Vol % 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) Not determined.Vapour density Vapour densityNot determined.Vapour density Vapour density in / Miscibility with		Colour:
pH-value:Not determined.pH-value:Not determined.Change in condition Melting point/Melting range:Undetermined.Boiling 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 explosiv vapour mixtures are possible.Explosion limits: Lower:0.6 Vol % 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) Not determined.Vapour density Vapour densityNot determined.Solubility in / Miscibility withNot applicable.		dour:
Change in condition Undetermined. Melting point/Melting range: Not applicable, as aerosol. Flash point: <0 °C (< 32 °F) Not applicable, as aerosol. 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 vapour mixtures are possible. Explosion limits: 0.6 Vol % Upper: 10.9 Vol % Vapour pressure at 20 °C (68 °F): 0.693 g/cm³ (5.783 lbs/gal) Relative density Not determined. Vapour density Not determined. Support density Not determined. Supporation rate Not applicable.<		dour threshold:
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 vapour mixtures are possible.Explosion limits: Lower: Upper:0.6 Vol % 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) Not determined.Kelative density Vapour density Evaporation rateNot determined. Not applicable.Solubility in / Miscibility with		H-value:
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 vapour mixtures are possible.Explosion limits: Lower: Upper:0.6 Vol % 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) Not determined.Vapour density Evaporation rateNot determined.Solubility in / Miscibility withNot applicable.		
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 explosiv 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) Not determined.Vapour densityNot determined. Not applicable.Solubility in / Miscibility with		
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 vapour mixtures are possible.Explosion limits: Lower: Upper:0.6 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) Not determined. Vapour density Not determined. Not applicable.Solubility in / Miscibility with		Boiling point/Boiling range:
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 vapour mixtures are possible.Explosion limits: Lower: Upper:0.6 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 Vapour density Evaporation rateNot determined.Solubility in / Miscibility withNot applicable.		ash point:
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 explosiv vapour mixtures are possible.Explosion limits: Lower: Upper:0.6 Vol % 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) Not determined.Relative density Evaporation rateNot determined. Not applicable.		-
Decomposition temperature:Not determined.Self-igniting:Product is not selfigniting.Danger of explosion:Product is not explosive. However, formation of explosiv vapour mixtures are possible.Explosion limits:0.6 Vol %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 densityNot determined.Vapour densityNot determined.Solubility in / Miscibility with	-	lammability (solid, gaseous):
Self-igniting: Product is not selfigniting. Danger of explosion: Product is not explosive. However, formation of explosiv vapour mixtures are possible. Explosion limits: 0.6 Vol % 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. • Solubility in / Miscibility with Not applicable.		nition temperature:
Danger of explosion: Product is not explosive. However, formation of explosive vapour mixtures are possible. Explosion limits: 0.6 Vol % 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. Solubility in / Miscibility with Vapour billity with		ecomposition temperature:
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. Solubility in / Miscibility with Not applicable.		lf-igniting:
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 densityNot determined.• Vapour densityNot determined.• Vapour densityNot applicable.• Solubility in / Miscibility with	ormation of explosive air/	anger of explosion:
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 densityNot determined.Vapour densityNot determined.Evaporation rateNot applicable.		xplosion limits:
• Vapour pressure at 20 °C (68 °F): 3500 hPa (2625 mm Hg) • Density at 20 °C (68 °F): 0.693 g/cm ³ (5.783 lbs/gal) • Relative density Not determined. • Vapour density Not determined. • Vapour density Not applicable. • Solubility in / Miscibility with		Lower:
Density at 20 °C (68 °F):0.693 g/cm³ (5.783 lbs/gal)Relative densityNot determined.Vapour densityNot determined.Evaporation rateNot applicable.		Upper:
Relative densityNot determined.Vapour densityNot determined.Evaporation rateNot applicable.Solubility in / Miscibility with		apour pressure at 20 °C (68 °F):
Vapour densityNot determined.Evaporation rateNot applicable.Solubility in / Miscibility withNot applicable.		ensity at 20 °C (68 °F):
Evaporation rate Not applicable. Solubility in / Miscibility with		elative density
Solubility in / Miscibility with		
		vaporation rate
water: Not miscible or difficult to mix.		olubility in / Miscibility with
		water:
Partition coefficient (n-octanol/water): Not determined.		urtition coefficient (n-octanol/water

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

Trade name: MOTIP HEAT RESITANT LACQUER Red

	(Contd. of p	page 6)
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.	
· Solvent content:		
Organic solvents:	88.5 %	
· EU-VOC:	613.3 g/l	
• EU-VOC in %:	88.50 %	
· 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

		nt for classification:	
		etroleum), hydrotreated light	
Oral I	LD50	>5840 mg/kg (rat)	
Dermal l	LD50	>2920 mg/kg (rabbit)	
Inhalative 1	LC50 / 4 h	>193 mg/m3 (rat)	
1	LC50 / 4h	25.2 mg/l (rat)	
1	LC50 / 96 h	11.4 mg/l (fish)	
106-97-8 bu	tane		
Inhalative 1	LC50 / 4 h	658000 mg/m3 (rat)	
1330-20-7 x	ylene		
Oral I	LD50	3523 mg/kg (rat)	
Dermal I	LD50	2000 mg/kg (rabbit)	
Inhalative I	LC50 / 4 h	22.1 mg/m3 (rat)	
64742-95-6	Solvent nap	ohtha (petroleum), light arom.	
Oral I	LD50	3592 mg/kg (rat) (OECD401)	
Dermal I	LD50	>3160 mg/kg (rab) (OECD402)	
Inhalative I	LC50 / 4 h	>6193 mg/m3 (rat)	
100-41-4 etl	hylbenzene		
Oral I	LD50	3500 mg/kg (rat)	
Dermal I	LD50	17800 mg/kg (rabbit)	
92062-15-2	Solvent nap	ohtha (petroleum), hydrotreated light naphthenic	
Oral I	LD50	>5000 mg/kg (rat)	
Dermal I	LD50	>2000 mg/kg (rab)	
Inhalative 1	LC50 / 4h	>20 mg/l (rat)	

GB

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

(Contd. of page 7)

Trade name: MOTIP HEAT RESITANT LACQUER Red

64742-49-		etroleum), hydrotreated light
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rat) >2600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>193 mg/m3 (rat)

· Primary irritant effect:

· Skin corrosion/irritation No irritant effect.

· Serious eye damage/irritation No irritating effect.

· Respiratory or skin sensitisation No sensitising effects known.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

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

EC50 / 48 h 3 mg/l (daphnia magna)

EC50 / 72 h 30-100 mg/l (algae)

LC50/96 h 93-117 mg/l (fish)

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.

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

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.

· Ecotoxical 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.

Do not allow product to reach ground water, water course of 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.

\cdot European waste catalogue

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

(Contd. on page 9)

Page 9/11

*

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

(Contd. of page 8)

Trade name: MOTIP HEAT RESITANT LACQUER Red

15 01 04 metallic packaging

· Uncleaned packaging:

· Recommendation: Non contaminated packagings may be recycled.

14.1 UN-Number	UN1050
ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name ADR	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOU
ADK IMDG	AEROSOLS, ENVIKONMENTALLI HAZARDOU AEROSOLS
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
*	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class Label	2.1 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 Anne. MARPOL73/78 and the IBC Code	x II of Not applicable.
	Noi applicable.
Transport/Additional information:	
ADR	11
Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0
Excepted quantities (EQ)	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

Page 10/11

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

(Contd. of page 9)

Trade name: MOTIP HEAT RESITANT LACQUER Red

· 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

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· 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.

· 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.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- R10 Flammable.
- R11 Highly flammable.
- R12 Extremely flammable.
- R20 Harmful by inhalation.
- 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: R&D legislation and regulatory advisor

- · 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 Organisation 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 Harmonised 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

Flam. Gas 1: Flammable gases, Hazard Category 1

(Contd. on page 11)

LD50: Lethal dose, 50 percent

ĠI

Page 11/11

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

Printing date 02.06.2015

Version number 40

Revision: 02.06.2015

GB

Trade name: MOTIP HEAT RESITANT LACQUER Red

(Contd. of page 10) Flam. Aerosol 1: Flammable aerosols, Hazard Category 1 Press. Gas C: 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 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 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 varion altered

 \cdot * Data compared to the previous version altered.