

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 02.06.2015

Version number 77

Revision: 02.06.2015

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

- **1.1 Product identifier**
- **Trade name:** MOTIP HOME & HOBBY LACQUER
  
- **Article number:** 591600 et cetera
- **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.  
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

Flam. Liq. 3      H226 Flammable liquid and vapour.



GHS08 health hazard

STOT RE 1      H372 Causes damage to organs through prolonged or repeated exposure.



GHS09 environment

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



GHS07

STOT SE 3      H336 May cause drowsiness or dizziness.

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



N; Dangerous for the environment

- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R10-66-67: Flammable. 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.

Has a narcotising 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   GHS08   GHS09

· **Signal word Danger**

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

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Solvent naphtha (petroleum), light arom.

· **Hazard statements**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H372 Causes damage to organs through prolonged or repeated exposure.

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.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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

· **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains 2-butanone oxime, Cobalt Carboxylate. May produce an allergic reaction.

· **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 characterisation: Mixtures**

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

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**· Dangerous components:**

CAS: 64742-82-1 EC number: 919-446-0 Reg.nr.: 01-2119458049-33-xxxx	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)  Xn R48/20-65  N R51/53 R10-66-67 Carc. Cat. 2 -----  Flam. Liq. 3, H226  STOT RE 1, H372; Asp. Tox. 1, H304  Aquatic Chronic 2, H411  STOT SE 3, H336	20-25%
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 EC number: 918-668-5 Reg.nr.: 01-2119455851-35-xxxx	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%
CAS: 40027-38-1 EINECS: 254-754-2	N-alkyl"oleyl"propeendiaminedioleaat  Xn R22  Xi R38-41  N R50 -----  Eye Dam. 1, H318  Aquatic Acute 1, H400  Acute Tox. 4, H302; Skin Irrit. 2, H315	0.1-1%
CAS: 13586-82-8 EINECS: 237-015-9	Cobalt Carboxylate  Xi R38  Xi R43  N R51/53 -----  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-1%
CAS: 96-29-7 EINECS: 202-496-6 Index number: 616-014-00-0 Reg.nr.: 01-2119539477-28-xxxx	2-butanone oxime  Xn R21-40  Xi R41  Xi R43 Carc. Cat. 3 -----  Carc. 2, H351  Eye Dam. 1, H318  Acute Tox. 4, H312; Skin Sens. 1, H317	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.

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- **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:**  
CO<sub>2</sub>, 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
- **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:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
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.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **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:**
**1330-20-7 xylene**

WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 220 mg/m <sup>3</sup> , 50 ppm
	Sk; BMGV

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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

· **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.· **Protection of hands:**

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** Not required.· **Penetration time of glove material** Not required.· **Eye protection:** Goggles recommended during refilling\* **SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

**Form:** Fluid  
**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:** Undetermined.· **Flash point:** 34 °C (93 °F)· **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:** 7.0 Vol %· **Vapour pressure at 20 °C (68 °F):** 6.7 hPa (5 mm Hg)· **Density at 20 °C (68 °F):** 1 g/cm<sup>3</sup> (8.345 lbs/gal)· **Relative density** Not determined.· **Vapour density** Not determined.· **Evaporation rate** Not determined.

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- |   |  |
|---|--|
| <b>· Solubility in / Miscibility with water:</b>  | Not miscible or difficult to mix.          |
| <b>· Partition coefficient (n-octanol/water):</b> | Not determined.                            |
| <b>· Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not determined.                            |
| <b>Kinematic at 20 °C (68 °F):</b>                | 160 s (DIN 53211/4)                        |
| <b>· Solvent content:</b>                         |  |
| <b>Organic solvents:</b>                          | 36.1 %                                     |
| <b>EU-VOC:</b>                                    | 360.8 g/l                                  |
| <b>EU-VOC in %:</b>                               | 36.08 %                                    |
| <b>· Solids content:</b>                          | 49.3 %                                     |
| <b>· 9.2 Other information</b>                    | 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:

#### **64742-82-1 Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	3400 mg/kg (rabbit)
Inhalative	LC50 / 4 h	13100 mg/m3 (rat)

#### **1330-20-7 xylene**

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	22.1 mg/m3 (rat)

#### **64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	LD50	3592 mg/kg (rat) (OECD401)
Dermal	LD50	>3160 mg/kg (rab) (OECD402)
Inhalative	LC50 / 4 h	>6193 mg/m3 (rat)

#### **96-29-7 2-butanone oxime**

Oral	LD50	2528 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4 h	20 mg/m3 (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.

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· **Respiratory or skin sensitisation** No sensitising effects known.**SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****64742-82-1 Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

EC50 / 48 h 10-22 mg/l (daphnia magna)

EC50 / 72 h 4.6-10 mg/l (algae)

LC50 / 96 h 10-30 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)

· **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**

UN1263

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<ul style="list-style-type: none"> <li>· 14.2 UN proper shipping name</li> <li>· ADR</li> <li>· IMDG, IATA</li> </ul>	1263 PAINT (not viscous), ENVIRONMENTALLY HAZARDOUS PAINT
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- 14.3 Transport hazard class(es)
- ADR, IMDG, IATA



<ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	3 Flammable liquids. 3
--	---------------------------

- 14.4 Packing group
- ADR, IMDG, IATA

III

- 14.5 Environmental hazards:
- Marine pollutant:

No

- 14.6 Special precautions for user
- Danger code (Kemler):
- EMS Number:

Warning: Flammable liquids.  
30  
F-E, S-E

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

Not applicable.

- Transport/Additional information:

<ul style="list-style-type: none"> <li>· ADR</li> <li>· Limited quantities (LQ)</li> <li>· Excepted quantities (EQ)</li> <li>· Transport category</li> <li>· Tunnel restriction code</li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml 3 D/E
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<ul style="list-style-type: none"> <li>· IMDG</li> <li>· Limited quantities (LQ)</li> <li>· Excepted quantities (EQ)</li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
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<ul style="list-style-type: none"> <li>· UN "Model Regulation":</li> </ul>	UN1263, PAINT (not viscous), 3, III, ENVIRONMENTALLY HAZARDOUS
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### 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.

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**· Relevant phrases**

- H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.
- R10 Flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R21 Harmful in contact with skin.  
R22 Harmful if swallowed.  
R37 Irritating to respiratory system.  
R38 Irritating to skin.  
R40 Limited evidence of a carcinogenic effect.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitisation by skin contact.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R50 Very toxic to aquatic organisms.  
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  
LD50: Lethal dose, 50 percent  
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  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
Carc. 2: Carcinogenicity, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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

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