

# Safety Data Sheet

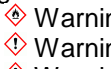
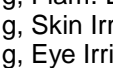
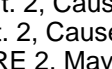
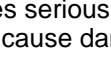
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Safety Data Sheet dated 15/12/2015, version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier  
Mixture identification:  
Trade name: BLACK  
Trade code: 0H4.028  
Product type and use: tintometric system
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended use:  
Tintometric system  
SU3 Industrial uses: Uses of substances as such or in preparations\* at industrial sites  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
PC9a Coatings and paints, thinners, paint removers  
Uses advised against:  
SU21 Consumer uses: Private households (= general public = consumers)
- 1.3. Details of the supplier of the safety data sheet  
Company:  
GÉNÉRALE DE PEINTURE, 70 rue Cortambert, 75116 Paris - France  
Competent person responsible for the safety data sheet:  
matt@lusid.biz
- 1.4. Emergency telephone number  
+33 (0)1 75 29 35 59

### 2. HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture  
EC regulation criteria 1272/2008 (CLP)  
 Warning, Flam. Liq. 3, Flammable liquid and vapour.  
 Warning, Skin Irrit. 2, Causes skin irritation.  
 Warning, Eye Irrit. 2, Causes serious eye irritation.  
 Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
- Adverse physicochemical, human health and environmental effects:  
No other hazards
- 2.2. Label elements  
Symbols:



- Warning  
Hazard statements:  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.
- Precautionary statements:  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P314 Get medical advice/attention if you feel unwell.  
P337+P313 If eye irritation persists: Get medical advice/attention.

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P370+P378 In case of fire: Use ... to extinguish.

Special Provisions:

None

Contains

xylene [4]

Mixture of: butan-2-one oxime: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

Other Hazards:

No other hazards

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

vPvB Substances: None - PBT Substances: None

Hazardous components within the meaning of the CLP regulation and related classification:

| Qty                 | Name                            | Ident. Number  | Classification   |
|---------------------|---------------------------------|--|--|
| >= 15% -<br>< 20%   | xylene [4]                      | Index number: 601-022-00-9<br>CAS: 1330-20-7<br>EC: 215-535-7<br>REACH No.: 01-2119488216-32 | <div> <div>2.6/3 Flam. Liq. 3 H226</div> <div>3.1/4/Inhal Acute Tox. 4 H332</div> <div>3.1/4/Dermal Acute Tox. 4 H312</div> <div>3.3/2 Eye Irrit. 2 H319</div> <div>3.8/3 STOT SE 3 H335</div> <div>3.2/2 Skin Irrit. 2 H315</div> <div>3.9/2 STOT RE 2 H373</div> <div>3.10/1 Asp. Tox. 1 H304</div> </div> |
| >= 10% -<br>< 12.5% | 2-methoxy-1-methylethyl acetate | Index number: 607-195-00-7<br>CAS: 108-65-6<br>EC: 203-603-9<br>REACH No.: 01-2119475791-29  | <div> <div>2.6/3 Flam. Liq. 3 H226</div> </div>  |
| >= 7% -<br>< 10%    | n-butyl acetate                 | Index number: 607-025-00-1<br>CAS: 123-86-4<br>EC: 204-658-1<br>REACH No.: 01-2119485493-29  | <div> <div>2.6/3 Flam. Liq. 3 H226</div> <div>3.8/3 STOT SE 3 H336</div> <div>EUH066</div> </div>  |
| >= 3% -<br>< 5%     | ethylbenzene                    | Index number: 601-023-00-4<br>CAS: 100-41-4<br>EC: 202-849-4<br>REACH No.: 01-2119489370-35  | <div> <div>2.6/2 Flam. Liq. 2 H225</div> <div>3.1/4/Inhal Acute Tox. 4 H332</div> <div>3.9/2 STOT RE 2 H373</div> <div>3.10/1 Asp. Tox. 1 H304</div> </div>  |
| >= 0.5% -<br>< 1%   | Mixture of: butan-2-one oxime   | Index number: 616-014-00-0   | <div> <div>3.1/4/Dermal Acute Tox. 4 H312</div> <div>3.3/1 Eye Dam. 1 H318</div> </div>  |

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|                      |            |               |              |  |
|----------------------|------------|---------------|--------------|--|
|                      |            | CAS:          | 96-29-7      | 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317 |
|                      |            | EC:           | 202-496-6    | 3.6/2 Carc. 2 H351                     |
| >= 0.1%<br>- < 0.25% | butan-2-ol | Index number: | 603-127-00-5 | 2.6/3 Flam. Liq. 3 H226                |
|                      |            | CAS:          | 78-92-2      | 3.3/2 Eye Irrit. 2 H319                |
|                      |            | EC:           | 201-158-5    | 3.8/3 STOT SE 3 H335                   |
|                      |            |               |              | 3.8/3 STOT SE 3 H336                   |

#### 4. FIRST AID MEASURES

##### 4.1. Description of first aid measures

###### In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

###### In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

###### In case of Ingestion:

Do NOT induce vomiting.

###### In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

#### 5. FIRE-FIGHTING MEASURES

##### 5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing media which must not be used for safety reasons:

None in particular.

##### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

##### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

#### 6. ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

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Provide adequate ventilation.  
Use appropriate respiratory protection.  
See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand

#### 6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

#### 6.4. Reference to other sections

See also section 8 and 13

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## 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Use localized ventilation system.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Always keep the containers tightly closed.  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Cool and adequately ventilated.

#### 7.3. Specific end use(s)

None in particular

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

xylene [4] - CAS: 1330-20-7

MAK - LTE: 100 ppm - STE: 200 ppm - Notes: D, Skin

EU - LTE(8h): 221 mg/m<sup>3</sup>, 50 ppm - STE: 442 mg/m<sup>3</sup>, 100 ppm - Notes: Bold-type:  
Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational  
Exposure [4] (for references see bibliography)

ACGIH - LTE(8h): 100 ppm - STE: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS  
impair

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

ACGIH - LTE: 275 mg/m<sup>3</sup>, 50 ppm - STE: 550 mg/m<sup>3</sup>, 100 ppm - Notes: H

EU - LTE(8h): 275 mg/m<sup>3</sup>, 50 ppm - STE: 550 mg/m<sup>3</sup>, 100 ppm - Notes: Indicative  
Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4]  
(for references see bibliography)

n-butyl acetate - CAS: 123-86-4

ACGIH - LTE(8h): 150 ppm - STE: 200 ppm - Notes: Eye and URT irr

OEL 8h - 150 ppm

OEL short - 200 ppm

ethylbenzene - CAS: 100-41-4

EU - LTE(8h): 442 mg/m<sup>3</sup>, 100 ppm - STE: 884 mg/m<sup>3</sup>, 200 ppm - Notes: Bold-type:  
Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational  
Exposure [4] (for references see bibliography)

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ACGIH - LTE(8h): 20 ppm - Notes: A3, BEI - URT irr, kidney dam (nephropathy), cochlear impair

butan-2-ol - CAS: 78-92-2

ACGIH - LTE(8h): 100 ppm - Notes: URT irr, CNS impair

**DNEL Exposure Limit Values**

xylene [4] - CAS: 1330-20-7

Worker Industry: 289 mg/m<sup>3</sup> - Consumer: 174 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 77 mg/m<sup>3</sup> - Consumer: 14.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 289 mg/m<sup>3</sup> - Consumer: 174 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 153.5 mg/kg - Consumer: 54.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 275 mg/m<sup>3</sup> - Consumer: 33 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

n-butyl acetate - CAS: 123-86-4

Worker Industry: 960 ppm - Consumer: 859.7 ppm - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 960 ppm - Consumer: 859.7 ppm - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 480 ppm - Consumer: 102.34 ppm - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 480 ppm - Consumer: 102.34 ppm - Exposure: Human Inhalation - Frequency: Long Term, local effects

**PNEC Exposure Limit Values**

xylene [4] - CAS: 1330-20-7

Target: Marine water - Value: 0.327 mg/l

Target: Air - Value: 0.327 mg/l - Type of hazard: emissione saltuaria

Target: Freshwater sediments - Value: 12.46 mg/kg

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Soil (agricultural) - Value: 2.31 mg/kg

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Air - Value: 0.635 mg/l

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Freshwater sediments - Value: 3.29 mg/kg

Target: Marine water sediments - Value: 0.329 mg/kg

Target: Marine water - Value: 0.0635 mg/l

n-butyl acetate - CAS: 123-86-4

Target: Fresh Water - Value: 0.18 mg/l

Target: Marine water - Value: 0.018 mg/l

Target: Freshwater sediments - Value: 0.981 mg/kg

Target: Marine water sediments - Value: 0.0981 mg/kg

Target: Soil (agricultural) - Value: 0.0903 mg/kg - Notes: occasional release

**8.2. Exposure controls**

Provide adequate ventilation through good general extraction using local exhaust ventilation. If concentrations of solvent or vapor exceed the OEL value, you have to wear respiratory protection.

**Eye protection:**

Use close fitting safety goggles, don't use eye lens.

**Protection for skin:**

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

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Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

|   |              |  |
|---|--------------|--|
| Appearance and colour:                        | liquid black |  |
| Odour:  | solvent      |  |
| Odour threshold:                              | solvent      |  |
| pH:   | N.A.         |  |
| Melting point / freezing point:               | N.A.         |  |
| Initial boiling point and boiling range:      | N.A.         |  |
| Solid/gas flammability:                       | N.A.         |  |
| Upper/lower flammability or explosive limits: | N.A.         |  |
| Vapour density:                               | >1           |  |
| Flash point:                                  | 25 ° C       |  |
| Evaporation rate:                             | N.A.         |  |
| Vapour pressure:                              | N.A.         |  |
| Relative density:                             | 1.05         |  |
| Solubility in water:                          | none         |  |
| Solubility in oil:                            | soluble      |  |
| Partition coefficient (n-octanol/water):      | N.A.         |  |
| Auto-ignition temperature:                    | N.A.         |  |
| Decomposition temperature:                    | N.A.         |  |
| Viscosity:                                    | 35" FORD4    |  |
| Explosive properties:                         | N.A.         |  |
| Oxidizing properties:                         | N.A.         |  |

9.2. Other information

|                                      |         |  |
|--------------------------------------|---------|--|
| Miscibility:                         | none    |  |
| Fat Solubility:                      | soluble |  |
| Conductivity:                        | N.A.    |  |
| Substance Groups relevant properties | N.A.    |  |

## 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

## 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information of the mixture:

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N.A.

Toxicological information of the main substances found in the mixture:

xylene [4] - CAS: 1330-20-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat 20 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Mouse 5627 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse 8532 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 5001 mg/kg

Test: LC50 - Route: Inhalation - Species: Mouse > 35.7 mg/l - Notes: 6 hours

h) STOT-single exposure:

Test: Eye Irritant Positive

Test: Skin Irritant Positive

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 21.2 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat 10760 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg

ethylbenzene - CAS: 100-41-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 3500 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 4000 ppm - Duration: 4h

Mixture of: butan-2-one oxime - CAS: 96-29-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 20 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 2528 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 1000 mg/kg

butan-2-ol - CAS: 78-92-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 6480 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 16000 mg/kg

xylene [4] - CAS: 1330-20-7

LD50 (RAT) ORAL: 5000 MG/KG

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

LD50 (RAT) oral. 8532 mg/Kg

LD50 (RAT) derm. >5000 mg/kg

n-butyl acetate - CAS: 123-86-4

LD (RAT) oral, 10770 mg/kg

ethylbenzene - CAS: 100-41-4

LD50 (RAT) ORAL: 3500 MG/KG

LD50 (RAT) ORAL: 4710 MG/KG BW

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

a) acute toxicity;

b) skin corrosion/irritation;

c) serious eye damage/irritation;

d) respiratory or skin sensitisation;

e) germ cell mutagenicity;

f) carcinogenicity;

g) reproductive toxicity;

h) STOT-single exposure;

i) STOT-repeated exposure;



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j) aspiration hazard.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.  
Do not use when plants are in flower: the product is toxic for bees.

xylene [4] - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24

Endpoint: EC50 - Species: Algae = 4.36 mg/l - Duration h: 73

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96

Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 73

Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Notes: 21g

Endpoint: NOEC - Species: Fish = 1.4 mg/l - Notes: 56g

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 180 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 380 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2000 mg/l - Duration h: 72

n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 62 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 205 mg/l - Duration h: 48

ethylbenzene - CAS: 100-41-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 1.7 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae = 2.6 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 4.2 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 2 mg/l - Duration h: 48

butan-2-ol - CAS: 78-92-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 3670 mg/l - Duration h: 96 - Notes: pimephales  
promelas

Endpoint: EC50 - Species: Daphnia = 3752 mg/l - Duration h: 24 - Notes: daphnia magna

### 12.2. Persistence and degradability

None

xylene [4] - CAS: 1330-20-7

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes:  
N.A.

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes:  
N.A.

n-butyl acetate - CAS: 123-86-4

Biodegradability: Easily biodegradable - Test: N.A. - Duration h: N.A. - %: 83 - Notes: 28  
days

### 12.3. Bioaccumulative potential

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Bioaccumulation: Not bioaccumulative - Test: N.A. N.A. - Duration h: N.A. - Notes: N.A.

### 12.4. Mobility in soil

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Mobility in soil: Mobile - Test: N.A. N.A. - Duration h: N.A. - Notes: fast evaporating

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

## 13. DISPOSAL CONSIDERATIONS

OH4.028/1

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#### 13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

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## 14. TRANSPORT INFORMATION

#### 14.1. UN number

ADR-UN Number: 1263  
IATA-UN Number: 1263  
IMDG-UN Number: 1263

#### 14.2. UN proper shipping name

ADR-Shipping Name: PAINT or PAINT RELATED MATERIAL  
IATA-Shipping Name: PAINT or PAINT RELATED MATERIAL  
IMDG-Shipping Name: PAINT or PAINT RELATED MATERIAL

#### 14.3. Transport hazard class(es)

ADR-Class: 3  
ADR - Hazard identification number: 30  
IATA-Class: 3  
IATA-Label: Flamm. Liquid  
IMDG-Class: 3

#### 14.4. Packing group

ADR-Packing Group: III  
IATA-Packing group: III  
IMDG-Packing group: III

#### 14.5. Environmental hazards

IMDG-Marine pollutant: No

#### 14.6. Special precautions for user

ADR-S.P.: 640E  
ADR-Tunnel Restriction Code: (D/E)  
IATA-Passenger Aircraft: 309  
IATA-Cargo Aircraft: 310  
IATA-ERG: 3L  
IMDG-EmS: F-E , S-E  
IMDG-Storage category: A

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

N.A.

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## 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

Volatile Organic compounds - VOCs = 455.68 g/l

Volatile CMR substances = 0.02 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.50 %

Organic Carbon - C = 0.33

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

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Regulation (EC) nr 648/2004 (detergents).  
1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):  
N.A.

15.2. Chemical safety assessment  
No

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## 16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.  
H312 Harmful in contact with skin.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H315 Causes skin irritation.  
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H225 Highly flammable liquid and vapour.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold  
CCNL - Appendix 1  
Insert further consulted bibliography

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