Safety Data Sheet
Nordflex PVC-B 0101

Safety Data Sheet dated 17/5/2015, version 1

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

1.1. Product identifier

Mixture identification:
Trade name: Nordflex
PVC-B 0101
Trade code: PVC-B 0101

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

Semi-Matt Vinyl Finishing Coat for industrial use.
Only for professional use.

1.3. Details of the supplier of the safety data sheet

Company:
Ind. Chimica Reggiana I.C.R. Spa
Via Gasparini, 7 42124 REGGIO EMILIA Italia
Tel. +39 0522/517803 Fax +39 0522/514384

Competent person responsible for the safety data sheet:
sdsre@icrsprint.it

1.4. Emergency telephone number

Tel. +39 0522-517803

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:
Properties / Symbols:

Toxic for reproduction category 3
F Highly flammable
Xn Harmful
Xi Irritant
N Dangerous for the environment

R Phrases:

R11 Highly flammable.
R20/21 Harmful by inhalation and in contact with skin.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitization by skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63 Possible risk of harm to the unborn child

EC regulation criteria 1272/2008 (CLP):

DANGER, Flam. Liq. 2, Highly flammable liquid and vapour.
WARNING, Acute Tox. 4, Harmful in contact with skin.
WARNING, Acute Tox. 4, Harmful if inhaled.
WARNING, Skin Irrit. 2, Causes skin irritation.
WARNING, Eye Irrit. 2, Causes serious eye irritation.
WARNING, Skin Sens. 1, May cause an allergic skin reaction.
WARNING, Repr. 2, Suspected of damaging fertility or the unborn child.
WARNING, STOT SE 3, May cause respiratory irritation.
WARNING, STOT SE 3, May cause drowsiness or dizziness.
WARNING, STOT RE 2, May cause damage to organs through prolonged or repeated exposure if inhaled.
Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:

Xn Harmful
F Highly flammable
N Dangerous for the environment

R Phrases:

R11 Highly flammable.
R20/21 Harmful by inhalation and in contact with skin.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitization by skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63 Possible risk of harm to the unborn child

S Phrases:

S23 Do not breathe spray
S25 Avoid contact with eyes.
S29/56 Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
S36/37 Wear suitable protective clothing and gloves.
S51 Use only in well-ventilated areas.
S7/9 Keep container tightly closed and in a well-ventilated place.

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Safety Data Sheet
Nordflex PVC-B 0101

Contents:

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Xylene
toluene
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)

Special Provisions:
Contains epoxy constituents. See information supplied by the manufacturer.

Symbols:

DANGER

Hazard statements:
H225 Highly flammable liquid and vapour.
H312+H332 Harmful in contact with skin or if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P260.F Do not breathe vapours.
P271 Use only outdoors or in a well-ventilated area.
P280.D Wear protective gloves and clothing and eye protection.

Special Provisions:
EUH205 Contains epoxy constituents. May produce an allergic reaction.

Contents:
Xylene
toluene
Solvent naphtha (petroleum), light arom.
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)

Special provisions according to Annex XVII of REACH and subsequent amendments:
Restricted to professional users.

2.3. Other hazards
vPvB Substances: None - PBT Substances: None

Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances
N.A.

3.2. Mixtures
Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

>= 25% - < 30% Xylene
REACH No.: 01-2119488216-32, Index number: 601-022-01-6, CAS: 1330-20-7, EC: 215-535-7
Xn,Xi; R36/37/38-48/20-65-10-20/21
2.6/3 Flam. Liq. 3 H226
3.1/4/Inhal Acute Tox. 4 H332
3.1/4/Dermal Acute Tox. 4 H312
3.3/2 Eye Irrit. 2 H319
3.8/3 STOT SE 3 H335
3.2/2 Skin Irrit. 2 H315
3.9/2 STOT RE 2 H373
3.10/1 Asp. Tox. 1 H304

>= 15% - < 20% toluene
REACH No.: 01-2119471310-51, Index number: 601-021-00-3, CAS: 108-88-3, EC: 203-625-9
F,Repr. Cat. 3,Xn,Xi; R11-38-48/20-63-65-67
2.6/2 Flam. Liq. 2 H225
3.7/2 Repr. 2 H361
3.10/1 Asp. Tox. 1 H304
3.9/2 STOT RE 2 H373
3.2/2 Skin Irrit. 2 H315
3.8/3 STOT SE 3 H336

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>= 3% - < 5% Trizinc bis(orthophosphate)
REACH No.: 01-2119485044-40, Index number: 030-011-00-6, CAS: 7779-90-0, EC: 231-944-3
N; R50/53
4.1/A1 Aquatic Acute 1 H400
4.1/C1 Aquatic Chronic 1 H410

>= 3% - < 5% Solvent naphtha (petroleum), light arom.
REACH No.: 01-2119455851-35, Index number: 649-356-00-4, CAS: 64742-95-6, EC: 265-199-0
Xn,Xi,N; R66-67-10-37-51/53-65
2.6/3 Flam. Liq. 3 H226
3.8/3 STOT SE 3 H335
3.8/3 STOT SE 3 H336
4.1/C2 Aquatic Chronic 2 H411
3.10/1 Asp. Tox. 1 H304
DECLP*
DECL*
DECLP (CLP)*

>= 1% - < 3% reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)
Index number: 603-074-00-8, CAS: 25068-38-6, EC: 500-033-5
Xi,N; R36/38-43-51/53
3.3/2 Eye Irrit. 2 H319
3.2/2 Skin Irrit. 2 H315
3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317
4.1/C2 Aquatic Chronic 2 H411

>= 0.1% - < 0.25% zinc oxide
Index number: 030-013-00-7, CAS: 1314-13-2, EC: 215-222-5
N; R50/53
4.1/A1 Aquatic Acute 1 H400
4.1/C1 Aquatic Chronic 1 H410

*DECLP: Substance classified accordingly to Note P of the Annex I of directive 67/548/EEC. The 'Carcinogenic' classification is not necessary if you can demonstrate that the substance contains less than 0.1% weight/weight of benzene
*DECL: Classified accordingly to directive 67/548/EEC
*DECLP (CLP): This substance is classified in accordance with Note P, Annex VI of EC Regulation 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

SECTION 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 opthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:
Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

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

See section 11 for known symptoms and effects.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing media:
CO2 or Dry chemical fire extinguisher.
Extinguishing media which must not be used for safety reasons:
Do not use water jets. Water may noty be effective fire fighting measure, however it can be used to cool closed containers close to flames as to avoid bursting and exploding.

5.2. Special hazards arising from the substance or mixture
Do not inhale explosion and combustion gases.
Burning produces heavysmoke.

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.

SECTION 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.
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
Contain spillage, and then collect with non-combustible
absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4. Reference to other sections
See also section 8 and 13

SECTION 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.
Contamined 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.
Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)
See Point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Xylene - CAS: 1330-20-7
ICR1 - LTE(8h): 221 mg/m3, 50 ppm - STE(): 442 mg/m3, 100 ppm - Notes: Assorbito attraverso la pelle
EU - LTE(8h): 221 mg/m3, 50 ppm - STE: 442 mg/m3, 100 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
ACGIH, 100 ppm, 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

toluene - CAS: 108-88-3
EU - LTE(8h): 192 mg/m3, 50 ppm - STE: 384 mg/m3, 100 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
ICR1 - LTE(8h): 192 mg/m3, 50 ppm - Notes: Pelle
ACGIH, 20 ppm - Notes: A4, BEI - Visual impair, female repro, pregnancy loss

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
EU - LTE(8h): 100 mg/m3, 19 ppm

zinc oxide - CAS: 1314-13-2
ACGIH - LTE(8h): 2 mg/m3 - STE: 10 mg/m3 - Notes: (R) - Metal fume fever

DNEL Exposure Limit Values

Xylene - CAS: 1330-20-7
Worker Professional: 289 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

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Worker Professional: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
toluene - CAS: 108-88-3
Worker Professional: 384 mg/m³ - Consumer: 226 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 192 mg/m³ - Consumer: 56.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 8.13 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Trizinc bis(orthophosphate) - CAS: 7779-90-0
Worker Professional: 5 mg/m³ - Consumer: 2.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 83 mg/kg - Consumer: 83 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 0.83 mg/kg - Exposure: Human Oral - Frequency: Long Term (repeated)
zinc oxide - CAS: 1314-13-2
Worker Professional: 5 mg/m³ - Consumer: 2.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 83 mg/kg - Consumer: 83 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 0.83 mg/kg - Exposure: Human Oral - Frequency: Long Term (repeated)

PNEC Exposure Limit Values
Xylene - CAS: 1330-20-7
Target: STP - Value: 6.58 mg/l
Target: Marine water - Value: 0.327 mg/l
Target: Intermittent emissions - Value: 0.327 mg/l
Target: Freshwater sediments - Value: 12.46 mg/kg
Target: Marine water sediments - Value: 12.46 mg/kg
Target: Soil - Value: 2.31 mg/kg
Target: Fresh Water - Value: 0.327 mg/l
toluene - CAS: 108-88-3
Target: Purification plant - Value: 13.61 mg/l
Target: Freshwater sediments - Value: 16.39 mg/kg
Target: Marine water sediments - Value: 16.39 mg/kg
Target: Soil - Value: 2.89 mg/kg
Target: Fresh Water - Value: 0.68 mg/l
Target: Marine water - Value: 0.68 mg/l
Target: Intermittent emissions - Value: 0.68 mg/l
Trizinc bis(orthophosphate) - CAS: 7779-90-0
Target: Fresh Water - Value: 20.6 µgZn/L
Target: Marine water - Value: 6.1 µgZn/L
Target: Freshwater sediments - Value: 117.8 mgZn/kg - Notes:: sediment dw
Target: Marine water sediments - Value: 56.5 mgZn/kg - Notes:: sediment dw
Target: Soil - Value: 35.6 mgZn/kg - Notes:: soil dw
Target: Purification plant - Value: 100 µgZn/L
zinc oxide - CAS: 1314-13-2
Target: Fresh Water - Value: 20.6 µgZn/L
Target: Marine water - Value: 6.1 µgZn/L
Target: Freshwater sediments - Value: 117.8 mgZn/kg - Notes:: sediment dw
Target: Marine water sediments - Value: 56.5 mgZn/kg - Notes:: sediment dw
Target: Soil - Value: 35.6 mgZn/kg - Notes:: soil dw
Target: Purification plant - Value: 100 µgZn/L

8.2. Exposure controls

Eye protection:
Use face-mask or close fitting safety goggles (e.g. EN166 F3). Do not wear contact lenses.

Protection for skin:
Wear safety clothing that ensure full skin protection in accordance to EN 14605 Type 4 in case of spills or spray (e.g. Tyrek). Please note: safety clothing must be changed immediately if it comes in contact with product.

Protection for hands:
Use protective gloves that provides comprehensive protection, EN374 Class 3 (B-F-I). Permeation time > 60 minutes; 0.4 mm thickness.

Respiratory protection:
Use adequate protective respiratory devices, using Filter “A” (Brown colour) for organic gas and vapors with boiling points over 65°C.

Thermal Hazards:
None

Environmental exposure controls:
Emissions from ventilation systems or from work processes must be check as to ensure compliance to environmental protection legistation. In some cases the addition of vapour scrubbers, filters or other system modification may be necessary in order to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Appearance and colour:	Transparent liquid
Odour:	Typical of solvent
Odour threshold:	N.D.
pH:	N.A. (organic solvent)
Melting point / freezing point:	N.D.
Initial boiling point and boiling range:	110,6°C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	1.2% - 8% vol
Vapour density:	N.D.
Flash point:	6°C
Evaporation rate:	N.D.
Vapour pressure:	3.0 -3.5 kPa
Relative density:	1,10 ± 0,05 g/cm³
Solubility in water:	Insoluble
Solubility in oil:	N.D.
Auto-ignition temperature:	480 - 536°C
Decomposition temperature:	N.D.
Viscosity:	N.D.
Explosive properties:	N.D.
Oxidizing properties:	N.D.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under recommended use and storage conditions (see point 7).

10.3. Possibility of hazardous reactions

It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

10.4. Conditions to avoid

Avoid accumulating electrostatic charge.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

Xylene - CAS: 1330-20-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 6350 Ppm - Duration: 4h
Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 4350 mg/kg

toluene - CAS: 108-88-3

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Mouse = 5320 mg/l
Test: LD50 - Route: Oral - Species: Rat = 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 12124 mg/kg

Trizinc bis(orthophosphate) - CAS: 7779-90-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 5.7 mg/l - Duration: 4h

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m3
Test: LD50 - Route: Oral - Species: Rat = 3592 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700) - CAS: 25068-38-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin - Species: Mouse Positive - Notes: Sensibilizzante

Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6

ACUTE: Inhalation: Vapor concentration above recommended exposure levels may be irritating to the eyes and the repiratory tract, may cause headaches and dizziness, could be anesthetic and may other nervous system effects.
Skin contact: Low order of toxicity. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye contact: Will cause eye discomfort, but will noy injure eye tissue.
Ingestion: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may

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cause bronchopneumonia or pulmonary edema. Minimal toxicity.

Liquid epoxy resin contained in this material causes only minor skin irritation. However, all epoxy resins are capable of causing sensitizing of the skin. Susceptibility to skin irritation and sensitization varies from person to person.
In a sensitized individual the allergic dermatitis may not appear until after several days or weeks of frequent and prolonged contact. Therefore, even though the skin irritation potential is slight, skin contact should be avoided.
Once sensitization has occurred, exposure of the skin to very small quantities of the material may cause erythema and edema.
Possible risk of harm to the unborn child
Toxic for reproduction category 3
If not differently specified, the information required in Regulation 453/2010/EC 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;
j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Trizinc bis(orthophosphate) - CAS: 7779-90-0
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 0.14-2.6 mg/l - Duration h: 96 - Notes: mg Zn2+ /l
Endpoint: EC50 - Species: Daphnia = 0.04-0.86 mg/l - Duration h: 48 - Notes: mg Zn2+ /l
Endpoint: EC50 - Species: Algae = 0.13-0.15 mg/l - Duration h: 72 - Notes: mg Zn2+ /l
Solvent naphtha (petroleum), light arom. - CAS: 64742-95-6
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish = 9.2 mg/l
Endpoint: EC50 - Species: Algae = 1 mg/l - Notes: NOEC
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700) - CAS: 25068-38-6
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Daphnia = 3.6 mg/l - Duration h: 24
Endpoint: LC50 - Species: Fish = 2.4 mg/l - Duration h: 96

12.2. Persistence and degradability

Product can be regarded as not easily debiogradable considering its component substances.

12.3. Bioaccumulative potential

Not bioaccumulative

12.4. Mobility in soil

Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a signicant amount may penerate and pollute water table.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The empty containers must be considered special waste materials to take to dump of type 2B. If previously cleansed, they can be admitted in first class dumps.
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.

SECTION 14: Transport information

Limited quantities, not subject to ADR norms for internal packaging of up to 5 litres and maxium packaging of 30kg.

14.1. UN number

ADR-UN number:	1263
IMDG-Un number:	1263

14.2. UN proper shipping name

Shipping name:	Paints

14.3. Transport hazard class(es)

ADR/RID:

Class:	3
Label:	3
Classification Code:	F1

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Maritime (IMDG/IMO):
Class: 3.2
Label: 3

14.4. Packing group
ADR Packing Group:: II
IMDG-Packing group: II

14.5. Environmental hazards
Marine pollutant: Yes

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
No

SECTION 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/EC (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/EC
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 453/2010 (Annex I)
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
None

Volatile Organic compounds - VOCs =519.97 g/Kg= 571.99 g/l
Volatile CMR substances = 0.00 %
Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
Organic Carbon - C = 0.45

Where applicable, refer to the following regulatory provisions :
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

15.2. Chemical safety assessment
No

SECTION 16: Other information

Text of phrases referred to under heading 3:
R10 Flammable.
R11 Highly flammable.
R20/21 Harmful by inhalation and in contact with skin.
R36/37/38 Irritating to eyes, respiratory system and skin.
R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.
R38 Irritating to skin.
R43 May cause sensitization by skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63 Possible risk of harm to the unborn child
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

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.
H225 Highly flammable liquid and vapour.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H336 May cause drowsiness or dizziness.

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H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.

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

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
N.A.:	Not applicable.
N.D.:	Not determined.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

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