Firestone Building Products

According to EC-Regulation 2015/830

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
QuickPrime™ Plus Primer

Product no.
-

REACH registration number
Not applicable

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

Relevant identified uses of the substance or mixture
Adhesive

Uses advised against
-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address
Firestone Building Products EMEA
Ikaroslaan 75
1930 Zaventem
Belgium
Tel. : +32 2 711 44 50

Contact person
-

E-mail
firestonemsds@bfdp.com

SDS date
2019-09-20

SDS Version
6.0

1.4. Emergency telephone number

In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department or the NHS enquiry service - dial 111.
or contact BIG Emergency number +32 (0)14 58 45 45

See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flam. Liq. 2; H225
Asp. Tox. 1; H304
Skin Irrit. 2; H315
Resp. Sens. 1; H334
STOT SE 3; H336
Repr. 2; H361d
STOT RE 2; H373
Aquatic Chronic 2; H411

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

Highly flammable liquid and vapour. (H225)
May be fatal if swallowed and enters airways. (H304)
Causes skin irritation. (H315)
May cause allergy or asthma symptoms or breathing difficulties if inhaled. (H334)
May cause drowsiness or dizziness. (H336)
Suspected of damaging the unborn child. (H361d)
May cause damage to organs through prolonged or repeated exposure. (H373)
Toxic to aquatic life with long lasting effects. (H411)

Precautionary statements

General	-
Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210). Do not breathe mist/vapours/fume/spray. (P260). Wear protective gloves/protective clothing/eye protection/face protection. (P280).
Response	Do NOT induce vomiting. (P331). Collect spillage. (P391). IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310). IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340). IF exposed or concerned: Get medical advice/attention. (P308+P313). IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. (P303+P361+P353).
Storage	-
Disposal	Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
toluene
4,4'-methylenediphenyl diisocyanate

Additional labelling

Contains isocyanates. May produce an allergic reaction. (EUH204)

Unique formula identifier (UFI)

-

▼2.3. Other hazards

This product contains teratogenic substances, which may cause long-term adverse effects to the unborn foetus.
This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.
This product contains an organic solvent. Repeated or prolonged exposure to organic solvents may result in adverse effects to the nervous system and internal organs such as liver and kidneys.
The product contains one or several substance(s) included in ECHA's list of Substances of Very High Concern (SVHC)

Additional warnings

This product does not contain any substances classified as PBT or vPvB.

VOC (volatile organic compound)

Not applicable

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	toluene
IDENTIFICATION NOS.:	CAS-no: 108-88-3 EC-no: 203-625-9 REACH-no: 01-2119471310-51-xxxx Index-no: 601-021-00-3
CONTENT:	25-50%
CLP CLASSIFICATION:	Flam. Liq. 2, STOT RE 2, STOT SE 3, Skin Irrit. 2, Asp. Tox. 1, Repr. 2 H225, H304, H315, H336, H373, H361d
NOTE:	O, L
NAME:	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
IDENTIFICATION NOS.:	CAS-no: 64742-49-0 EC-no: 927-510-4 REACH-no: 01-2119475515-33--xxxx
CONTENT:	25-50%
CLP CLASSIFICATION:	Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2 H225, H304, H315, H336, H411
NAME:	4,4’ diphenylmethanediisocyanate, isomere, homologe
IDENTIFICATION NOS.:	CAS-no: 9016-87-9 EC-no: 618-498-9 REACH-no: polymer
CONTENT:	≤ 0,5%
CLP CLASSIFICATION:	Acute Tox. 4, STOT RE 2, STOT SE 3, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2 H315, H317, H319, H332, H334, H335, H351, H373
NOTE:	P
NAME:	4,4'-methylenediphenyl diisocyanate
IDENTIFICATION NOS.:	CAS-no: 101-68-8 EC-no: 202-966-0 REACH-no: 01-2119457014-47-xxxx Index-no: 615-005-00-9
CONTENT:	≤ 0,5%
CLP CLASSIFICATION:	Acute Tox. 4, STOT RE 2, STOT SE 3, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2 H315, H317, H319, H332, H334, H335, H351, H373
NOTE:	I
NAME:	nonylphenol 4-nonylphenol, branched
IDENTIFICATION NOS.:	CAS-no: 84852-15-3 EC-no: 284-325-5
CONTENT:	< 0,2%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Repr. 2, Aquatic Acute 1, Aquatic Chronic 1 H302, H314, H318, H361, H400, H410 (M-acute = 10) (M-chronic = 10)
NOTE:	SVHC

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.
O = Organic solvent P = Prepolymer isocyanate I = Isocyanate monomer L = European occupational exposure limit. SVHC = A substance that is included in the Candidate List of substances of very high concern (SVHCs).

Other information

ATEmix(inhale, vapour) > 20
ATEmix(oral) > 2000
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 8 - 12
N chronic (CAT 2) Sum = Sum(Ci/(M(chronic)i*25)*0.1*10^CATi) = 5,312 - 7,968
N acute (CAT 1) Sum = Sum(Ci/M(acute)i*25) = 0,3712 - 0,5568

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department or call NHS 111 – take the label or this safety data sheet with you. NHS professionals can contact The National Poisons Information Service (dial 0344 892 0111, 24 h service).
Contact a doctor if in doubt about the injured person’s condition or if the symptoms persist. Never give an unconscious person water or other drink.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

Burns

Rinse with water until the pain stops then continue to rinse for a further 30 minutes.

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation. The allergic reaction is typically taking place within an hour subsequent to exposure. The reaction results in an inflammatory reaction to the lungs.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Avoid direct contact with spilled substances. Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on “Disposal considerations” in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid static electricity. Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.
Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Storage temperature

Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
(heptane)
Long-term exposure limit (8-hour TWA reference period): 500 ppm | 2085 mg/m³
Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

4,4'-methylenediphenyl diisocyanate
Long-term exposure limit (8-hour TWA reference period): - ppm | 0,02 mg/m³
Short-term exposure limit (15-minute reference period): - ppm | 0,07 mg/m³
Comments: sen
(Sen = Capable of causing respiratory sensitisation.)

4,4’ diphenylmethanediisocyanate, isomere, homologe
Long-term exposure limit (8-hour TWA reference period): - ppm | 0,02 mg/m³
Short-term exposure limit (15-minute reference period): - ppm | 0,07 mg/m³
Comments: Sen
(Sen = Capable of causing respiratory sensitisation.)

toluene
Long-term exposure limit (8-hour TWA reference period): 50 ppm | 191 mg/m³
Short-term exposure limit (15-minute reference period): 100 ppm | 384 mg/m³
Comments: Sk
(Sk = Can be absorbed through skin.)

DNEL / PNEC

DNEL (toluene): 8,13 mg/kg/day
Exposure: Oral
Duration of Exposure: Long term – Systemic effects - General population

DNEL (toluene): 284 mg/kg/day
Exposure: Dermal
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (toluene): 226 mg/m3
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - General population

DNEL (toluene): 226 mg/m3
Exposure: Inhalation
Duration of Exposure: Short term – Systemic effects - General population

DNEL (toluene): 384 mg/m3
Exposure: Inhalation
Duration of Exposure: Short term – Systemic effects - Workers

DNEL (toluene): 384 mg/m3
Exposure: Inhalation
Duration of Exposure: Short term – Local effects - Workers

DNEL (toluene): 192 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - Workers

DNEL (toluene): 56,6 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - General population

DNEL (toluene): 192 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers

PNEC (toluene): 0,68 mg/l
Exposure: Freshwater

PNEC (toluene): 16,39 mg/kg
Exposure: Freshwater sediment

PNEC (toluene): 2,89 mg/kg
Exposure: Soil

PNEC (toluene): 13,61 mg/l
Exposure: Sewage Treatment Plant

PNEC (toluene): 0,68 mg/l
Exposure: Marine water

PNEC (toluene): 16,39 mg/kg
Exposure: Marine water sediment

8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Observe general occupational hygiene standards.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

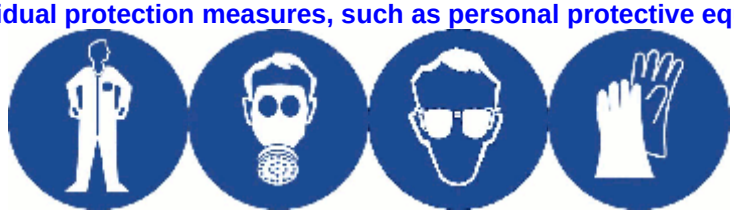
Exposure limits
Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures
Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures
In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure
Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment



Generally
Use only CE marked protective equipment.

Respiratory Equipment
In case of brief exposure or low pollution use respirator with filter type A
In case of prolonged or high exposure wear air-supplied respirator

Skin protection
Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

Hand protection
4H/Barrier
Material thickness: 0,06 mm.
Breakthrough time: > 480 minutes (Class 6)

Eye protection
Wear safety glasses with side shields.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Black
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm³)	0,791
Phase changes	
Melting point (°C)	No data available.
Boiling point (°C)	98
Vapour pressure (20°C)	48 hPa
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
Data on fire and explosion hazards	
Flash point (°C)	-4
Ignition (°C)	215
Auto flammability (°C)	no
Explosion limits (% v/v)	1,1 - 7
Explosive properties	No data available.

Solubility

Solubility in water	Insoluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section “Handling and storage”.

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Avoid static electricity.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance: 4,4'-methylenediphenyl diisocyanate
Species: Mouse
Test: LD50
Route of exposure: Oral
Result: 2,200 mg/kg

Substance: toluene
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: 12,124 mg/kg bw

Substance: toluene
Species: Rat
Test: LD50
Route of exposure: Oral
Result: > 5000 mg/kg bw

Substance: toluene
Species: Mouse
Test: LC50
Route of exposure: Inhalation
Result: 5.320 mg/l (4 h)

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled. This product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity
Suspected of damaging fertility or the unborn child.

STOT-single exposure
May cause drowsiness or dizziness.

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

Aspiration hazard
May be fatal if swallowed and enters airways.

Long term effects
Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.
Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

SECTION 12: Ecological information

12.1. Toxicity
Substance: toluene
Species: Daphnia
Test: EC50
Duration: 48h
Result: 6,5 mg/l

Substance: toluene
Species: Fish
Test: LC50
Duration: 96h.
Result: 1-10 mg/l

Substance: toluene
Species: Fish
Test: NOEC
Duration: 192 h.
Result: 1-10 mg/l

Substance: toluene
Species: Daphnia
Test: EC50
Duration: 48h.
Result: 11,5 mg/l

Substance: toluene
Species: Algae
Test: IC50
Duration: 72h.
Result: > 100 mg/l

Substance: toluene
Species: Selenastrum capricornutum
Test: IC50
Duration: 72h.
Result: 12 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Hydrocarbons, C7, n-alkanes, i...	Yes	No data available	No data available
toluene	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Hydrocarbons, C7, n-alkanes, i...	No	No data available	No data available
toluene	No	No data available	No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms. This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste

EWC code	
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Specific labelling

Not applicable

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

ADR/RID

14.1. UN number	1133
14.2. UN proper shipping name	ADHESIVES containing flammable liquid, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)	3
14.4. Packing group	II
Notes	-
Tunnel restriction code	D/E

IMDG

UN-no.	1133
Proper Shipping Name	ADHESIVES containing flammable liquid, ENVIRONMENTALLY HAZARDOUS
Class	3
PG*	II
EmS	F-E, S-D
MP**	Yes
Hazardous constituent	Toluene and Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

IATA/ICAO

UN-no.	1133
Proper Shipping Name	ADHESIVES containing flammable liquid, ENVIRONMENTALLY HAZARDOUS
Class	3

PG* II

14.5. Environmental hazards
This product contains substances, which may cause adverse long-term effects to the aquatic environment.

14.6. Special precautions for user
-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No data available

(*) Packing group
(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application
People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education
Use of this product requires dedicated training in work with polyurethane and epoxy products.

Additional information
Not applicable

Seveso
Seveso III Part 1: P5c, E2

Biocidal reg. no.
Not applicable

Sources
Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.
Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
Regulation (EC) 1907/2006 (REACH).
The Control of Major Accident Hazards (COMAH) Regulations 2015.

15.2. Chemical safety assessment
No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3
H225 - Highly flammable liquid and vapour.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H351 - Suspected of causing cancer.
H373 - May cause damage to organs through prolonged or repeated exposure¤.
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.
H361d - Suspected of damaging the unborn child.

The full text of identified uses as mentioned in section 1

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Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of physical hazards has been based on experimental data.
The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)
The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

pipe/CHYMEIA

Date of last essential change
(First cipher in SDS version)

2019-05-27(5.0)

Date of last minor change
(Last cipher in SDS version)

2019-05-27