

Revision date: 30/01/2020 Version: 4.0

Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

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

1.1. Product identifier

Product name : JSR ELPAC THB-126N

Chemical description : Photosensitizers and resin solution.

Product code : 57016

Contains : TMPTA; Photosensitizer; PGMEA

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

Intended use / Generic name : Photoresist

Main use category : Industrial use

1.3. Details of the supplier of the safety data sheet

JSR Micro Singapore Branch

60 Paya Lebar Road, Paya Lebar Square #07-18, Singapore 409051

TEL: +65 6775-0031

1.4. Emergency telephone number

Emergency number : Emergency phone number Belgium: +32-(0)70-245245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

 Flam. Liq. 3
 H226

 Skin Irrit. 2
 H315

 Eye Irrit. 2
 H319

 Skin Sens. 1
 H317

 Repr. 1B
 H360FD

 STOT SE 3
 H336

 Aquatic Chronic 2
 H411

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No supplementary major concern known. For more information, please see section 9 -> 12.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :









GHS02

Signal word (CLP) : Danger

Hazard statements (CLP) : H226 - Flammable liquid and vapour.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

H360FD - May damage fertility. May damage the unborn child.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.

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

smoking.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water/...



Safety Data Sheet

According to Chemical Policy Singapore (SS 586: 2014) and CLASS regulation Malaysia 2013.

P305+P351+P313 - IF IN EYES: Rinse cautiously with water for several minutes.. Get medical

advice/attention.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P403+P235 - Store in a well-ventilated place. Keep cool.

Extra phrases : Avoid: Light.

Contains : TMPTA; Photosensitizer; PGMEA

: May contain <5% ingred. with unknown (environmental) toxicity. Unknown toxicity (CLP)

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Mixtures 3.2.

Name	Product identifier	%	Classification according to Chemical Policy Singapore and CLASS regulation Malaysia 2013	
propylene glycol monomethyl ether acetate	(CAS-No.) 108-65-6	30 - 45	Flam. Liq. 3, H226 STOT SE 3, H336	
Acrylates		< 20	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317	
TMPTA	(CAS-No.) 15625-89-5	2 - 7	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one substance listed as REACH Candidate	(CAS-No.) 71868-10-5	2 - 5	Acute Tox. 4 (Oral), H302 Repr. 1B, H360FD Aquatic Chronic 2, H411	
2-methoxy-1-propylacetate	(CAS-No.) 70657-70-4	< 0,3	Flam. Liq. 3, H226 Repr. 1B, H360D STOT SE 3, H335	

Full text of H-statements: see section 16

SECTION 4: First aid measures

Description of first aid measures

First-aid measures general : Get medical advice/attention.

First-aid measures after inhalation Allow victim to breathe fresh air. Allow the victim to rest. Obtain medical attention if breathing

difficulty persists.

First-aid measures after skin contact Remove affected clothing and wash all exposed skin area with mild soap and water, followed

by water rinse.

: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. First-aid measures after eye contact

If swallowed, immediately administer water (1/2 liter) only if victim is completely conscious/alert. First-aid measures after ingestion Do not induce vomiting.

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

Symptoms/effects : More information in section: "Toxicology".

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

If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media : Foam. Dry chemical. Carbon dioxide. Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

: To our knowledge, the product does not present any particular risk, under normal conditions of Reactivity

use. (See section 7: Handling and Storage).

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Pressure demand self-contained breathing apparatus should be provided to fire fighters in

building or confined area where the material is stored.

Avoid fire-fighting water to enter environment. Exercise caution when fighting any chemical fire. Firefighting instructions

Water should be used to keep exposed containers cool.



Safety Data Sheet

According to Chemical Policy Singapore (SS 586: 2014) and CLASS regulation Malaysia 2013.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures

: Supply fresh air. Equip cleanup crew with proper protection. No naked lights. No smoking. Use

special care to avoid static electric charges.

No additional information available

6.2. **Environmental precautions**

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable

disposal containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

Precautions for safe handling 7.1.

Precautions for safe handling

: Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures. Take precautionary measures against static discharge during blending and transfer operations. Close container tightly after

Hygiene measures

Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures. Wear suitable protective clothing. Ensure prompt removal from eyes, skin and clothing. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Maintain the storage temperature below 40°C. This storage temperature is intended to cover HSE-purposes and is valid within the period: shelflife + 3 months. For the technical application, see the specifications and the label. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, sparks, open flames. No smoking.

Incompatible products

Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

8 h (mg/m³)

8 h (ppm)

Storage temperature

: 0 - 10 °C

Storage area

: Store in a dry, cool area.

Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

Control parameters 8.1.

A	<i>.</i> l.	-4	
AC:I	VI	ates	ī

OEI	15 min (ma/m3)	15 min (nnm)	9 h (ma/m3)	Q h /nnm\	
TMPTA (15625-89-5)					
This chemical is not list	ed in the Singapore PEL list.				
This chemical is not list	ed in the EU OEL list.				
This chamical is not list	ad in the FLLOFL liet				

15 min (mg/m³) 15 min (ppm) 8 h (mg/m³) 8 h (ppm)

15 min (ppm)

This chemical is not listed in the EU OEL list

This chemical is not listed in the Singapore PEL list.

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (71868-10-5)

15 min (mg/m³)

15 min (mg/m³) 15 min (ppm) 8 h (mg/m³) 8 h (ppm)

This chemical is not listed in the EU OEL list.

This chemical is not listed in the Singapore PEL list.

propylene glycol monomethyl ether acetate (108-65-6)

OEL	15 min (mg/m³)	15 min (ppm)	8 h (mg/m³)	8 h (ppm)
EU	550 mg/m ³	100 ppm	275 mg/m ³	50 ppm

15 min (nnm)

This chemical is not listed in the Singapore PEL list. 2-methoxy-1-propylacetate (70657-70-4)

OEL	15 min (mg/m³)	15 min (ppm)	8 h (mg/m³)	8 h (ppm)

This chemical is not listed in the EU OEL list.

This chemical is not listed in the Singapore PEL list.

Exposure controls

Appropriate engineering controls

: Use explosion proof ventilation equipment. Laboratory samples should be handled in a fumehood. Local exhaust and general ventilation must be adequate to meet exposure standards.

Printing date: 05/02/2020 EN (English) 3/10



Eye protection

JSR ELPAC THB-126N

Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

Hand protection : Chemical resistant protective gloves (EN374). Suitable materials for splash contact, e.g nitril

(0.1 mm). For prolonged, direct contact protective index 6, corresponding to > 480 minutes of permeation time, is recommended. Examples, subordinate to previous recommendation: nitrile

rubber (0.4 mm), latex (0.5mm), butyl (0.7mm). Take new gloves when they are dirty.

[not to be used (HV-SE 2014-04-29)] Safety glasses . Wear eye-protectors conformed to EN166.

Skin and body protection : If skin contact or contamination of clothing is possible, protective clothing should be worn. Wear

shoes conformed to EN345 type min S2.

Respiratory protection : Where exposure through inhalation may occur from use, approved respiratory protection

equipment is recommended. Use a mask EN140/136 + thread fitting EN148-1 + filter EN14387

type A or mask EN405 with filter EN141 type A.

SECTION 9: Physical and chemical properties

If no information is available on the mixture, please consult information on ingredients.

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless to light yellow.

Odour : Ester-like.

pH : No data available

Flash point : 54 °C

Flammability (solid, gas) : Not applicable Explosive limits : No data available Vapour pressure : No data available

Relative density : 0,8 - 1,1

Solubility : No data available
Log Pow : No data available

Acrylates

Physical state : Liquid

TMPTA(15625-89-5)

Explosive properties

Relative density : 1,1086 at 20 °C Solubility in water : 100 - 1000 mg/l

Log Pow : 4,35
Auto-ignition temperature : 385 °C
Viscosity, dynamic : 122 mPa·s

Oxidising properties : No oxidizing properties.

Not explosive.

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(71868-10-5)

Physical state : Solid

Melting point : 70 - 75 °C Sublimation point

 Relative density
 : 1,21 20 °C

 Solubility in water
 : 18 mg/l 20 °C

 Log Pow
 : 3,09 20-25°C

propylene glycol monomethyl ether acetate(108-65-6)

Physical state : Liquid
Odour : Ester-like

pH : 6,8 (198 g/l; 20 °C) Melting point : -66 °C (EU A.1)

Boiling point : 145,8 °C (1013 hPa; OECD 103)

Flash point : 46 °C

Relative evaporation rate (butylacetate=1) : 0,3 (ASTM D3539)

Printing date: 05/02/2020 EN (English) 4/10



Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

Explosive limits (vol %) : 1,5 - 7 vol % (EU A.11)

Vapour pressure : 3,55 hPa (20 °C; OECD 104)

Relative vapour density : 4,6

Solubility : soluble in most organic solvents

Solubility in water : 198 g/l (20 °C; EU A.6) Log Pow : 1,2 (20 °C; OECD 117)

Auto-ignition temperature : 333 °C (1013 hPa; ASTM D 286-58 T)

Viscosity, kinematic : 1,23 mm²/s (20 °C)

9.2. Other informationNo additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use. (See section 7: Handling and Storage).

10.2. Chemical stability

Polymerisation can occur.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Light. Heat. Flame.

10.5. Incompatible materials

Strong acids, strong bases.

10.6. Hazardous decomposition products

Smoke. Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

If no information is available on the mixture, please consult information on ingredients.

11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : May damage fertility. May damage the unborn child.

STOT-single exposure : May cause drowsiness or dizziness.

May cause (slight) respiratory irritation. May cause headache, nausea.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Acrylates

Acute toxicity : Not classified

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified



Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

Acrylates

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

TMPTA (15625-89-5)

Acute toxicity : Not classified

LD50 oral rat : > 5000 mg/kg
LD50 dermal rabbit : > 5000 mg/kg
Skin corrosion/irritation : Causes skin irritation.

Skin corrosion/irritation : Causes skin irritation

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Ames test: positive In vitro mammalian cell gene mutation test: positive Chromosome

aberration: positive In vivo micronucleus test: negative

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (71868-10-5)

Acute toxicity : Harmful if swallowed.

LD50 oral rat : 1984 mg/kg
LD50 dermal rabbit : > 2000 mg/kg
Skin corrosion/irritation : Not classified

Not irritating to skin

Serious eye damage/irritation : Not classified

Not irritating to eyes

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : May damage fertility. May damage the unborn child.

(OECD 414) (OECD 415)

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

propylene glycol monomethyl ether acetate (108-65-6)

Acute toxicity : Not classified

 LD50 oral rat
 : > 2000 mg/kg (OECD 401)

 LD50 dermal rat
 : > 2000 mg/kg (OECD 402)

 LD50 dermal rabbit
 : > 2000 mg/kg (OECD 402)



Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

propylene glycol monomethyl ether acetate (108-65-6)

LC50 inhalation rat (4 h) : > 23,92 mg/l (OECD 403)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

2-methoxy-1-propylacetate (70657-70-4)

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : May damage the unborn child.

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

TMPTA (15625-89-5)

LC50 fish (96 h) : 0,87 mg/l EU C.1 EC50 crustacea (48 h) : 19,9 mg/l EU C.2 ErC50 algae or other aquatic plants (72-96 : 4,86 mg/l EU C.3

h)

NOEC chronic algae or other aquatic plants : < 1 mg/l Water hazard class (WGK) : 1

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (71868-10-5)

LC50 fish (96 h) : 9 mg/l Brachydanio rerio

EC50 crustacea (48 h) : 15,3 mg/l

EC50 microorganisms : > 100 mg/l activated sludge, 0.5 h, OECD 209

ErC50 algae or other aquatic plants (72-96 : 1,7 mg/l Scenedesmus sp.

h)

Water hazard class (WGK) : 3

propylene glycol monomethyl ether acetate (108-65-6)

LC50 fish (96 h) : 134 mg/l (Oncorhynchus mykiss; OECD 203) EC50 crustacea (48 h) : > 500 mg/l (Daphnia magna; EU C.2)

EC50 microorganisms : > 1000 mg/l (activated sludge; 0,5 h; OECD 209)



Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

propylene glycol monomethyl ether acetate (108-65-6)

ErC50 algae or other aquatic plants (72-96 : > 1000 mg/l (Pseudokirchnerella subcapitata; OECD 201)

h)

NOEC chronic fish : 47,5 mg/l (Oryzias latipes; 14 d; OECD 204) NOEC chronic crustacea : 100 mg/l (Daphnia magna; 21 d; OECD 211)

Water hazard class (WGK) : 1

12.2. Persistence and degradability

TMPTA (15625-89-5)

Persistence and degradability : Readily biodegradable.

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (71868-10-5)

Persistence and degradability : Not readily biodegradable.

propylene glycol monomethyl ether acetate (108-65-6)

Persistence and degradability : Readily biodegradable. (OECD 301F).

12.3. Bioaccumulative potential

TMPTA (15625-89-5)

Log Pow : 4,35

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (71868-10-5)

Log Pow : 3,09 20-25°C

Bioaccumulative potential : Low bioaccumulation potential.

propylene glycol monomethyl ether acetate (108-65-6)

Log Pow : 1,2 (20 °C; OECD 117)

12.4. Mobility in soil TMPTA (15625-89-5)

Surface tension : 49,9 mN/m propylene glycol monomethyl ether acetate (108-65-6)

Surface tension : 29,4 mN/m (20 °C; EU A.5)

12.5. Results of PBT and vPvB assessment

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (71868-10-5)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose in a safe manner in accordance with local/national

regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number : 1866

14.2. UN proper shipping name : RESIN SOLUTION

14.3. Transport hazard class(es) : 3

Hazard labels :



14.4. Packing group : III



Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

14.5. Environmental hazards

Dangerous for the environment



14.6. Special precautions for user

Overland transport:

Orange plates

30 1866

: D/E

Tunnel restriction code (ADR)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No additional information available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit: 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (EC 400-600-6, CAS 71868-10-5)

Contains no REACH Annex XIV substances

15.1.2. National regulations

Other information, restriction and prohibition regulations

Ensure all national/local regulations are observed.

Fire Safety Act (Singapore)

propylene glycol monomethyl ether acetate (108-65-6)

Class (ADR) : 3 - Flammable liquids

HS code : 2918.99.90 SG Product code (Fire Safety Act) : SCDPEA3272L1

Quantities of flammable material not requiring storage licence (Singapore)

propylene glycol monomethyl ether acetate (108-65-6)
General manufacturing etc., purpose : 20L
Medical or laboratory purpose : 20L

Toxic industrial waste (Singapore)

Organic compounds not containing halogen

	Prescribed quantity for generation per year	Prescribed quantity for transportation per trip
Spent non –halogenated organic solvents e.g. benzene, toluene, xylene, turpentine, petroleum, thiner, kerosene, methanl, ethanol, isobutanol, isopropanol, methyl ethyl ketone,methyl isobutylketone,isopropyleter, diethylether, hexane, dimethylsulfide and dimethylsulfoxide	1000 L	250 L
Residue from recover of non halogenated organic solvents	7500kg	1500kg

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.



Safety Data Sheet

According to Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013.

SECTION 16: Other information

Classification

Available information on the ingredients and/or on the mixture is used for the purpose of classification of the mixture. Classifying the mixture is done in accordance with Chemical Policy Singapore (SS 586 : 2014) and CLASS regulation Malaysia 2013 on classification, labelling and packaging of substances and mixtures.

Full text of R-, H- and EUH-statements

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4

Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Flam. Liq. 3 Flammable liquids, Category 3
Repr. 1B Reproductive toxicity, Category 1B
Repr. 1B Reproductive toxicity, Category 1B
Skin Irrit. 2 Skin corrosion/irritation, Category 2
Skin Sens. 1 Skin sensitisation, Category 1

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

H226 Flammable liquid and vapour. H302 Harmful if swallowed.

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eve irritation.

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H360D May damage the unborn child.

H360FD May damage fertility. May damage the unborn child.

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.

Avoid: Light.

The contents and format of this SDS are in accordance with Chemical Policy Singapore (SS 586: 2014) and CLASS regulation Malaysia 2013.

DISCLAIMER OF LIABILITY. The information in this safety datasheet is based on our current best knowledge. Reviews are done on a regular basis but are not always inducing modifications. This sheet describes our product in relation to safety requirements and takes into account a normal handling, storage, use or disposal of the product. It is not meant to guarantee specific determined qualities of the product. It was prepared and is to be used only for this product. If the product is used as a component in another product, the information contained in this data sheet may not be applicable.