

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking****1.1 Product identifier**

UFI: K7SY-H623-A201-R8S0

Trade name: Q 20-400 1K NC Putty

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

Identified use: professional use.

Application of the substance / the mixture Filler/ Extender**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Q-Company Int. GmbH
Lentföhrdener Strasse 12-14
D-24576 Weddelbrook
Germany
www.qrefinish.com
info@qrefinish.com
+49 (0)4192 891 420

Further information obtainable from: msds@qrefinish.com**1.4 Emergency telephone number:** +49 (0)551-19240 (Giftinformationszentrum-Nord)**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS05

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02



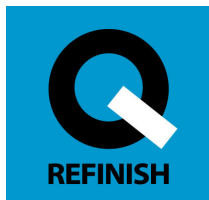
GHS05



GHS07

(Contd. on page 2)

EN

**Safety data sheet**
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V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 1)

Signal word Danger**Hazard-determining components of labelling:**

butan-1-ol

Hazard statements

H225 Highly flammable liquid and vapour.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

Precautionary statements

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

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

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

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Labelling of packages where the contents do not exceed 125 ml**Hazard pictograms**

GHS02 GHS05 GHS07

Signal word Danger**Hazard-determining components of labelling:**

butan-1-ol

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties**

78-93-3 | butanone

List II

(Contd. on page 3)

**Safety data sheet**
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 2)

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066	10-15%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17	titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] ⚠ Carc. 2, H351	2.5-<10%
CAS: 9004-70-0	nitrocellulose, containing a maximum of 12,6 % nitrogen ⚠ Flam. Sol. 1, H228	2.5-10%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	1-5%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	butanone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	2.5-10%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38	butan-1-ol ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-5%
CAS: 123-42-2 EINECS: 204-626-7 Reg.nr.: 01-2119473975-21	4-hydroxy-4-methylpentan-2-one ⚠ Flam. Liq. 3, H226; ⚠ Repr. 2, H361d; ⚠ Eye Irrit. 2, H319; STOT SE 3, H335 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 10%	0.1-<1%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319	0.1-<1%

Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

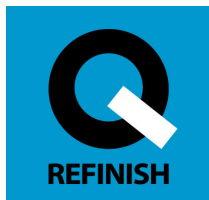
In case of irregular breathing or respiratory arrest provide artificial respiration.

Take affected persons out of danger area and lay down.

After inhalation:

Supply fresh air and to be sure call for a doctor.

(Contd. on page 4)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 3)

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Additional information

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Avoid contact with the eyes and skin.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Do not flush with water or aqueous cleansing agents.

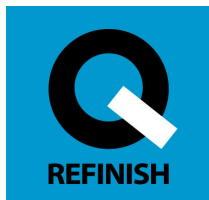
Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 5)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 4)

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Do not allow to enter sewers/ surface or ground water.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Fumes can combine with air to form an explosive mixture.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

7.3 Specific end use(s) No further relevant information available.*** SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****123-86-4 n-butyl acetate**

WEL (Great Britain)	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
IOELV (EU)	Short-term value: 723 mg/m ³ , 150 ppm Long-term value: 241 mg/m ³ , 50 ppm

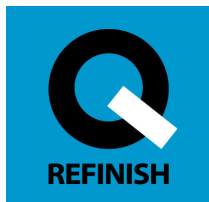
13463-67-7 titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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1330-20-7 xylene

WEL (Great Britain)	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
IOELV (EU)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin

(Contd. on page 6)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 5)

78-93-3 butanone	
WEL (Great Britain)	Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk, BMGV
IOELV (EU)	Short-term value: 900 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm
71-36-3 butan-1-ol	
WEL (Great Britain)	Short-term value: 154 mg/m ³ , 50 ppm Sk
123-42-2 4-hydroxy-4-methylpentan-2-one	
WEL (Great Britain)	Short-term value: 362 mg/m ³ , 75 ppm Long-term value: 241 mg/m ³ , 50 ppm
64-17-5 ethanol	
WEL (Great Britain)	Long-term value: 1920 mg/m ³ , 1000 ppm

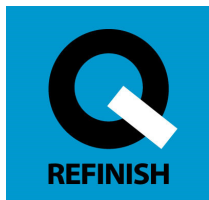
Regulatory information

WEL (Great Britain): EH40/2020

IOELV (EU): (EU) 2019/1831

DNELs	
123-86-4 n-butyl acetate	
Dermal	DNEL 7 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL 960 mg/m ³ (acute - systemic effects, workers) 960 mg/m ³ (acute - local effects, workers) 480 mg/m ³ (long-term - systemic effects, workers) 480 mg/m ³ (long-term - local effects, workers)
13463-67-7 titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	
Inhalative	DNEL 10 mg/m ³ (long-term - local effects, workers)
1330-20-7 xylene	
Dermal	DNEL 212 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL 442 mg/m ³ (acute - systemic effects, workers) 442 mg/m ³ (acute - local effects, workers) 221 mg/m ³ (long-term - systemic effects, workers) 221 mg/m ³ (long-term - local effects, workers)
78-93-3 butanone	
Dermal	DNEL 1,161 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL 600 mg/m ³ (long-term - systemic effects, workers)
71-36-3 butan-1-ol	
Inhalative	DNEL 310 mg/m ³ (long-term - local effects, workers)
123-42-2 4-hydroxy-4-methylpentan-2-one	
Dermal	DNEL 9.4 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL 240 mg/m ³ (acute - local effects, workers)

(Contd. on page 7)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

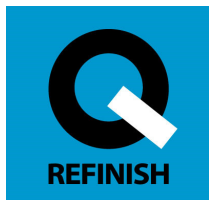
Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 6)

		66.4 mg/m ³ (long-term - systemic effects, workers)
		66.4 mg/m ³ (long-term - local effects, workers)
PNECs		
123-86-4 n-butyl acetate		
PNEC	0.18 mg/l (freshwater environment)	
	0.018 mg/l (marine environment)	
	0.36 mg/l (intermittent releases)	
	35.6 mg/l (sewage treatment plants)	
PNEC	0.981 mg/kg (freshwater sediment environment)	
13463-67-7 titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]		
PNEC	0.184 mg/l (freshwater environment)	
	0.0184 mg/l (marine environment)	
	0.193 mg/l (intermittent releases)	
	100 mg/l (sewage treatment plants)	
PNEC	1,000 mg/kg (freshwater sediment environment)	
	100 mg/kg (marine sediment environment)	
	100 mg/kg (soil)	
1330-20-7 xylene		
PNEC	0.327 mg/l (freshwater environment)	
	0.327 mg/l (marine environment)	
PNEC	12.46 mg/kg (freshwater sediment environment)	
	12.46 mg/kg (marine sediment environment)	
78-93-3 butanone		
PNEC	55.8 mg/l (freshwater environment)	
	55.8 mg/l (marine environment)	
	55.8 mg/l (intermittent releases)	
	709 mg/l (sewage treatment plants)	
PNEC	284.74 mg/kg (freshwater sediment environment)	
	284.7 mg/kg (marine sediment environment)	
	22.5 mg/kg (soil)	
71-36-3 butan-1-ol		
PNEC	0.082 mg/l (freshwater environment)	
	0.0082 mg/l (marine environment)	
	2.25 mg/l (intermittent releases)	
	2,476 mg/l (sewage treatment plants)	
PNEC	0.0178 mg/kg (marine environment)	
	0.178 mg/kg (freshwater sediment environment)	
	0.015 mg/kg (soil)	

(Contd. on page 8)

**Safety data sheet**
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Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 7)

123-42-2 4-hydroxy-4-methylpentan-2-one	
PNEC	2 mg/l (freshwater environment) 0.2 mg/l (marine environment) 1 mg/l (intermittent releases) 82 mg/l (sewage treatment plants)
PNEC	9.06 mg/kg (freshwater sediment environment) 0.91 mg/kg (marine sediment environment) 0.63 mg/kg (soil)
Ingredients with biological limit values:	
1330-20-7 xylene	
BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
78-93-3 butanone	
BMGV (Great Britain)	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

Regulatory information BMGV (Great Britain): EH40/2011**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Appropriate engineering controls** No further data; see section 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Keep ignition sources away - Do not smoke.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Use skin protection cream for skin protection.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

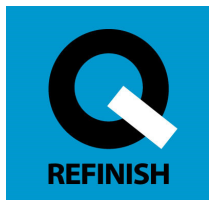
A2/P2 filter

Hand protection

Protective gloves

(Contd. on page 9)

— EN —



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 8)

Check the permeability prior to each renewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

When choosing protective gloves, the breakthrough time, rate of penetration and degradation (EN 374) should be taken into account.

Material of gloves

Recommended material thickness: ≥ 0.7 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Permeation level and breakthrough time: level 6 ≥ 480 min.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information****Physical state**

Fluid

Colour:

Light grey

Odour:

Characteristic

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

Undetermined.

Flammability

Highly flammable.

Lower and upper explosion limit**Lower:**

1 Vol %

Upper:

15 Vol %

Flash point:

12 °C

Decomposition temperature:

Not determined.

pH

Not applicable.

Viscosity:**Kinematic viscosity**

Not determined.

Dynamic:

Not determined.

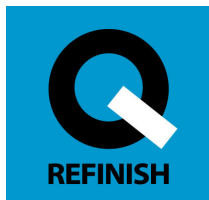
Solubility**water:**

Not miscible or difficult to mix.

Partition coefficient n-octanol/water (log value)

Not determined.

(Contd. on page 10)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 9)

Vapour pressure at 20 °C:	105 hPa
Density and/or relative density	
Density:	1.65-1.69 g/cm ³
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Highly viscous
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Highly flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity**10.1 Reactivity** No decomposition if used according to specifications.**10.2 Chemical stability** No decomposition if used and stored according to specifications.**10.3 Possibility of hazardous reactions**

Reacts with alkali, amines and strong acids.

Reacts with oxidising agents.

Fumes can combine with air to form an explosive mixture.

10.4 Conditions to avoid Protect from heat and direct sunlight.**10.5 Incompatible materials:** No further relevant information available.

(Contd. on page 11)



Safety data sheet
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Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 10)

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****123-86-4 n-butyl acetate**

Oral	LD50	10,760 mg/kg (rat)
Dermal	LD50	>14,000 mg/kg (rabbit)
Inhalative	LC50/4 h	23.4 mg/l (rat)

13463-67-7 titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

1330-20-7 xylene

Dermal	LD50	1,100 mg/kg (ATE)
Inhalative	ATE	1.5 mg/l (dust/ mist)

78-93-3 butanone

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

71-36-3 butan-1-ol

Oral	LD50	790 mg/kg (rat)
Dermal	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4 h	8,000 mg/l (rat)

123-42-2 4-hydroxy-4-methylpentan-2-one

Oral	LD50	4,000 mg/kg (rat)
Dermal	LD50	13,630 mg/kg (rab) 13,750 mg/kg (rabbit)

64-17-5 ethanol

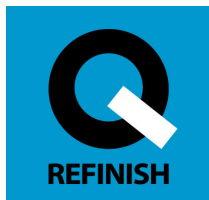
Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

Primary irritant effect:**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Causes serious eye damage.**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

(Contd. on page 12)

**Safety data sheet**
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V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 11)

Carcinogenicity Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** May cause drowsiness or dizziness.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

78-93-3 | butanone

List II

*** SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****123-86-4 n-butyl acetate**

LC50/96 h	18 mg/l (fish)
TT/16 h	115 mg/l (microorganisms)
EC50/48 h	44 mg/l (daphnia)
EC50/72 h	675 mg/l (algae)

13463-67-7 titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

LC50/96 h	>1,000 mg/l (fish)
EC50/48 h	>100 mg/l (Daphnia magna)
EC50/72 h	>50 mg/l (Desmodesmus subspicatus)
EC50/15 min	>100 mg/l (microorganisms)

1330-20-7 xylene

LC50/96 h	2.6 mg/l (Oncorhynchus mykiss) (OECD 203)
EC50/3 h	>157 mg/l (microorganisms)
EC50/48 h	>3.4 mg/l (Ceriodaphnia dubia) (OECD 202)
EC50/73h	2.2 mg/l (algae) (OECD 201)

78-93-3 butanone

EC50/7 d	>100 mg/l (Desmodesmus subspicatus)
EC50/48 h	>100 mg/l (Leuciscus idus melanotus)
	>100 mg/l (Daphnia magna)

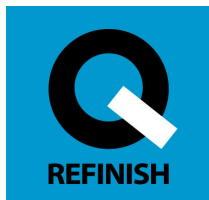
71-36-3 butan-1-ol

LC50/96 h	1,376 mg/l (fish)
EC50/48 h	1,328 mg/l (Daphnia magna)
EC50/72 h	>500 mg/l (Desmodesmus subspicatus)
EC3/16 h	4,390 mg/l (microorganisms)

123-42-2 4-hydroxy-4-methylpentan-2-one

LC50/96 h	>100 mg/l (fish)
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(Contd. on page 13)

**Safety data sheet**
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 12)

TGK/16 h	825 mg/l (microorganisms)
EC50/48 h	>1,000 mg/l (Daphnia magna)
EC50/72 h	>1,000 mg/l (algae)

12.2 Persistence and degradability**123-86-4 n-butyl acetate**

Biodegradation 83 % (readily biodegradable) (OECD 301 D, 28 d, aerobic)

1330-20-7 xylene

Biodegradation >60 % (readily biodegradable)

78-93-3 butanone

Biodegradation 98 % (readily biodegradable) (OECD 301 D, 28 d)

71-36-3 butan-1-ol

Biodegradation 92 % (readily biodegradable)

123-42-2 4-hydroxy-4-methylpentan-2-one

Biodegradation 98.51 % (readily biodegradable) (OECD 301A, 28d)

12.3 Bioaccumulative potential**123-86-4 n-butyl acetate**

BCF 15.3 (-)

log Pow 2.3

1330-20-7 xylene

BCF 25.9

log Kow <3.2

78-93-3 butanone

log Pow 0.3

71-36-3 butan-1-ol

BCF 3.16

123-42-2 4-hydroxy-4-methylpentan-2-one

log Pow ≤0.098

12.4 Mobility in soil**123-86-4 n-butyl acetate**

log Koc 1.27

71-36-3 butan-1-ol

log Koc 0.388

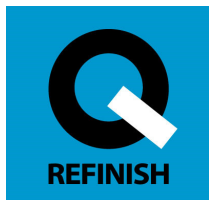
123-42-2 4-hydroxy-4-methylpentan-2-one

log Koc 0.52

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

(Contd. on page 14)

**Safety data sheet**
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 13)

12.7 Other adverse effects**Additional ecological information:****General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances

Uncleaned packaging:**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN number or ID number**

ADR, IMDG, IATA

UN1263

14.2 UN proper shipping name

ADR

1263 PAINT

IMDG, IATA

PAINT

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class

3

Label

3

14.4 Packing group

ADR, IMDG, IATA

II

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Warning: Flammable liquids.

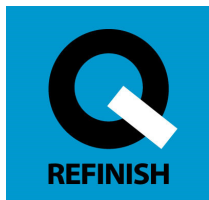
Hazard identification number (Kemler code):

33

EMS Number:F-E,S-E**Stowage Category**

B

(Contd. on page 15)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 14)

14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Transport category	2
Tunnel restriction code	D/E
IMDG	
Limited quantities (LQ)	5L
UN "Model Regulation":	UN 1263 PAINT, 3, II

* **SECTION 15: Regulatory information**

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

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

50-00-0	formaldehyde	5%
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Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

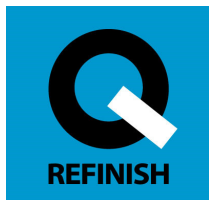
Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

(Contd. on page 16)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 15)

Regulation (EC) No 273/2004 on drug precursors		
78-93-3	butanone	3
Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors		
78-93-3	butanone	3

National regulations:**Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.*** SECTION 16: Other information**

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

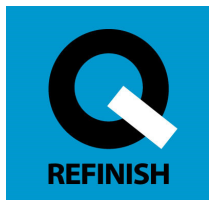
The above information is based on currently available data characterising the product. They do not constitute a guarantee or quality specification. It should be regarded as a guideline for safe use, storage, transport, disposal in case of release into the environment. It is the responsibility of the user to create conditions for the safe use of the product and the user accepts responsibility for any consequences resulting from improper use of this product.

Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H228 Flammable solid.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008	
Flammable liquids	Bridging principles
Serious eye damage/irritation Specific target organ toxicity (single exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

(Contd. on page 17)



Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 20.06.2024

V- 8.0 (replaces version 7.0)

Revision: 19.06.2024

Trade name: Q 20-400 1K NC Putty

(Contd. of page 16)

Version number of previous version: 7.0**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: chemical number assigned to the chemical in the Chemical Abstracts Service list

DNEL: Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

LC50: median lethal concentration

LD50: lethal dose 50%

PBT: persistent, bioaccumulative and toxic

vPvB: very persistent and very bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquid substance. Hazard category 2

Flam. Liq. 3: Flammable liquid substance. Hazard category 3

Flam. Sol. 1: Flammable solids – Category 1

Acute Tox. 4: Acute toxicity. Hazard category 4

Skin Irrit. 2: Skin corrosion/irritation. Hazard category 2

Eye Dam. 1: Serious eye damage/eye irritation. Hazard category 1

Eye Irrit. 2: Serious eye damage/eye irritation. Hazard category 2

Carc. 2: Carcinogenicity. Hazard category 2

Repr. 2: Reproductive toxicity. Hazard category 2

STOT SE 3: Toxic effects on target organs - single exposure. Hazard category 3

STOT RE 2: Toxic effects on target organs - repeated exposure. Hazard category 2

Asp. Tox. 1: Aspiration hazard. Hazard category 1

Aquatic Chronic 3: Presenting a hazard to the aquatic environment. Chronic hazard, Category 3

Sources European Chemicals Agency, <http://echa.europa.eu/>*** Data compared to the previous version altered.**