

Safety Data Sheet

according to Regulation (EC) No 1907/2006

CONLOC Primer SK 713

Revision date: 03.05.2023 Product code: 750713680 Page 1 of 12

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

1.1. Product identifier

CONLOC Primer SK 713

Product group: primer

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

Use of the substance/mixture

Primer for silicone adhesive

1.3. Details of the supplier of the safety data sheet

Company name: EGO Dichtstoffwerke GmbH & Co. Betriebs KG

Street: Kaltenbrunn 27

Place: D-82467 Garmisch-Partenkirchen

Telephone: +49 (0)8821 956 90 Telefax: +49 (0)8821 956 990

e-mail: info@ego.de

Contact person: Laboratory Telephone: +49 (0)8821 956 960

e-mail: EGO-Labor@ego.de

Internet: www.ego.de

1.4. Emergency telephone+49 55119240 (24h/7d)number:GIZ-Nord, Göttingen

Member of EPECs network

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2 Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Reproductive toxicity: Repr. 2

Specific target organ toxicity - single exposure: STOT SE 3

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Highly flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye damage.
May cause drowsiness or dizziness.
Suspected of damaging the unborn child.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

C7-C9 Isoalkane Titantetrabutanolat

toluene

Signal word: Danger



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Pictograms:











Hazard statements

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.
 H336 May cause drowsiness or dizziness.
 H361d Suspected of damaging the unborn child.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

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

smokina.

P233 Keep container tightly closed.

P271 Use only outdoors or in a well-ventilated area.

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

protection.

P273 Avoid release to the environment.
P243 Take action to prevent static discharges.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

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.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P391 Collect spillage.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P370+P378 In case of fire: Use foam to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to Disposal .

Special labelling of certain mixtures

The following percentage of the mixture consists of ingredient(s) with unknown hazards to

the aquatic environment: 6,7

2.3. Other hazards

This information is not available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

silanes and siloxanes with functional groups + auxiliary material in solvent



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Hazardous components

CAS No	Chemical name		Quantity		
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No 1272/2008)				
90622-56-3	C7-C9 Isoalkane			> 75 %	
	292-458-5		01-2119471305-42		
	Flam. Liq. 2, Skin Irrit. 2, STOT SE H411	H225 H315 H336 H304			
5593-70-4	Titantetrabutanolat		< 10 %		
	227-006-8		01-2119967423-33		
	Flam. Liq. 3, Skin Irrit. 2, Eye Dam.	H315 H318 H335 H336			
108-88-3	toluene		< 5 %		
	203-625-9	601-021-00-3			
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, S H373 H304	1; H225 H361d H315 H336			
78-10-4	ethyl silicate, tetraethyl silicate		< 2 %		
	201-083-8	014-005-00-0	01-2119496195-28		
	Flam. Liq. 3, Acute Tox. 4, Eye Irrit	1335			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc.	Limits, M-factors and ATE	
90622-56-3	292-458-5	292-458-5 C7-C9 Isoalkane	
	inhalation: LC5 mg/kg	0 = 21 mg/l (vapours); dermal: LD50 = > 3000 mg/kg; oral: LD50 = > 10000	
108-88-3	203-625-9	toluene	< 5 %
	inhalation: LC5	60 = 49 mg/l (vapours); dermal: LD50 = 12200 mg/kg	
78-10-4	201-083-8	ethyl silicate, tetraethyl silicate	< 2 %
		E = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = al: LD50 = 6270 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

After inhalation

Move to fresh air in case of accidental inhalation of vapours. If you feel unwell, seek medical advice (show the label where possible).

If not breathing, give artificial respiration. If unconscious place in recovery position and seek medical advice.

After contact with skin

Wash off with soap and water. Take off all contaminated clothing immediately.

If symptoms persist, call a physician.

Show this safety data sheet to the doctor in attendance.

After contact with eyes

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

After ingestion

Do NOT induce vomiting. Danger of inhalation Show this safety data sheet to the doctor in attendance.



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

Relevant information can be found in other parts of this section.

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

Further information on toxicology in Section 11 should be noted.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water mist, Dry powder, alcohol resistant foam., Carbon dioxide (CO2).

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

Combustion may provoke smoke emission.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Additional information

Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Keep away from unprotected people. Keep upwind.

Use personal protective equipment. Do not breathe vapours or spray mist. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin and eyes.

Remove all sources of ignition.

For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. When leaking into waters, sewers or underground, notify competent authority. Contain leaking fluid with suitable material (e.g., soil).

Retain and dispose of contaminated wash water. Dispose of in accordance with the European Directives on waste and hazardous waste.

6.3. Methods and material for containment and cleaning up

For containment

Cover the sewers.

For cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Treat recovered material as described in the section "Disposal considerations".

Dike larger amounts and pump into appropriate containers.

Other information

Provide adequate ventilation.

6.4. Reference to other sections

See also section 8,13

SECTION 7: Handling and storage

7.1. Precautions for safe handling



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Advice on safe handling

Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion

Processing may lead to evolution of flammable volatiles. Vapours may form explosive mixtures with air.

Keep away from sources of ignition - No smoking.

Keep product and empty container away from heat and sources of ignition.

Take measures to prevent the build up of electrostatic charge. Cool endangered containers with water spray.

Advice on general occupational hygiene

When using, do not eat, drink or smoke. Do not breathe vapours or spray mist. Avoid contact with the skin and the eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry, cool and well-ventilated place.

Avoid subsoil penetration.

Hints on joint storage

No special precautions required.

Further information on storage conditions

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

7.3. Specific end use(s)

Primer for silicone adhesive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
78-10-4	Tetraethyl orthosilicate	5	44		TWA (8 h)	
108-88-3	Toluene	50	192		TWA (8 h)	
		100	384		STEL (15 min)	



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DNEL/DMEL values

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
78-10-4	ethyl silicate, tetraethyl silicate			
Worker DNEL,	acute	dermal	systemic	12,1 mg/kg bw/day
Worker DNEL,	long-term	dermal	systemic	12,1 mg/kg bw/day
Worker DNEL,	acute	inhalation	systemic	85 mg/m³
Worker DNEL,	acute	inhalation	local	85 mg/m³
Worker DNEL,	long-term	inhalation	systemic	85 mg/m³
Worker DNEL,	long-term	inhalation	local	85 mg/m³
Consumer DNI	EL, acute	dermal	systemic	8,4 mg/kg bw/day
Consumer DNI	EL, long-term	dermal	systemic	8,4 mg/kg bw/day
Consumer DNI	Consumer DNEL, acute		systemic	25 mg/m³
Consumer DNEL, acute		inhalation	local	25 mg/m³
Consumer DNI	EL, long-term	inhalation	systemic	25 mg/m³
Consumer DNI	EL, long-term	inhalation	local	25 mg/m³

PNEC values

	-			
CAS No	Name of agent			
Environmenta	al compartment	Value		
78-10-4	ethyl silicate, tetraethyl silicate			
Freshwater		0,192 mg/l		
Marine water		0,0192 mg/l		
Freshwater sediment		0,18 mg/kg		
Marine sediment		0,018 mg/kg		
Soil		0,05 mg/kg		
Secondary poisoning		4000 mg/l		
Freshwater (intermittent releases)		10 mg/l		

Additional advice on limit values

toluene, Butanole, Ethanol: not teratogenic if the exposure limit value is applied.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly fitting safety goggles

Hand protection

When handling the product always wear protective gloves. Recommended glove material: Protective gloves made of fluorinated rubber Material thickness:> 0.7 mm Breakthrough time:> 480 min Recommended glove material: Protective gloves made of 5-layer PE and EVOH (4H) laminate Material thickness:> 0.062 mm Breakthrough time:> 480 min Please refer to the glove supplier for permeability and breakthrough time. Also take into account the specific local conditions under which the product is used, such as cutting risk, abrasion and contact duration. It should be noted that the daily life of a chemical protective glove in practice may be significantly shorter than the permeation time determined by tests due to the many factors of influence (for example temperature).

Skin protection

Protective suit



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Respiratory protection

If inhalation exposure above the workplace exposure limit can not be excluded, appropriate respiratory protective equipment should be used. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136. Recommended filter type: ABEK gas filter (certain inorganic, organic and acid gases and vapors, ammonia / amines), in accordance with recognized standards such as EN 14387 Wear appropriate respiratory protective equipment and protective clothing when exposed to spray or aerosol. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136, Recommended filter type: Combination filter ABEK-P2 (certain inorganic, organic and acid gases and vapors, ammonia / amines, particles), according to recognized standards such as EN 14387 In case of long or strong exposure, use breathing apparatus. Suitable respiratory protection: Self-contained breathing apparatus, according to recognized standards such as EN 137. The wearing time limit for respiratory protection as well as instructions of the device manufacturer are to be observed.

Thermal hazards

Do not heat the product.

Under fire conditions: Flame-resistant clothing Low temperature resistant gloves: not required

Environmental exposure controls

Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid Colour: light yellow Odour. mild

Odour threshold: not determined

Test method

Print date: 03.05.2023

Melting point/freezing point: not applicable Boiling point or initial boiling point and 116 - 142 °C

boiling range:

0,9 vol. % Lower explosion limits: Upper explosion limits: 7,0 vol. %

Flash point: 3 °C DIN FN ISO 13736

Auto-ignition temperature: 370 °C Decomposition temperature: **Exempt**

pH-Value: not applicable. Mixture not soluble in

water

Viscosity / kinematic: 1 mm²/s Water solubility: insoluble Partition coefficient n-octanol/water: No data available Vapour pressure:

50 hPa

(at 25 °C)

Vapour pressure: 131 hPa

(at 50 °C)

Density (at 20 °C): 0,76 g/cm3 DIN 51757

9.2. Other information

Other safety characteristics

Viscosity / dynamic: ca. 0,76 mPa·s

(at 20 °C)

Further Information

Explosion limits for released ethanol: 3,5 - 15 Vol%



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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable at normal ambient temperature and pressure.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

moisture.

10.5. Incompatible materials

Acids, Bases; Water. The reaction produces alcohols.

10.6. Hazardous decomposition products

No decomposition if used as directed. By humidity: Ethanol, Butanole

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

No data is available on the product itself.

Acute toxicity estimate (ATE) (Oral): > 5000 mg/kg

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
90622-56-3	C7-C9 Isoalkane							
	oral	LD50 mg/kg	> 10000	rat				
	dermal	LD50 mg/kg	> 3000	rat				
	inhalation (4 h) vapour	LC50	21 mg/l	rat				
108-88-3	toluene							
	dermal	LD50 mg/kg	12200	Rabbit	GESTIS			
	inhalation (4 h) vapour	LC50	49 mg/l	Rat	GESTIS			
78-10-4	ethyl silicate, tetraethyl silicate							
	oral	LD50 mg/kg	6270	Rat	GESTIS			
	dermal	LD50 mg/kg	5880	Rabbit	GESTIS			
	inhalation vapour	ATE	11 mg/l					
	inhalation dust/mist	ATE	1,5 mg/l					

Irritation and corrosivity

Serious eye damage/eye irritation

Causes skin irritation.

Sensitising effects

No data is available on the product itself.

Carcinogenic/mutagenic/toxic effects for reproduction

No data is available on the product itself.

toluene: The substance may potentially endanger the unborn child in humans.



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STOT-single exposure

No data is available on the product itself. toluene: Vapors may be narcotic.

STOT-repeated exposure

No data is available on the product itself.

According to the literature, aliphatic hydrocarbons are mildly irritating to the skin and mucous membranes, defatting the skin, narcotic. In case of direct exposure to the lung tissue (eg by aspiration) pneumonia is possible. According to the literature, n-butanol (71-36-3) is irritating to mucous membranes, slightly irritating to the skin, defatting the skin, narcotic. Hydrolysis product / impurity: ethanol (64- 17-5) is well and rapidly absorbed across all routes of exposure. Ethanol can cause irritation of the eyes and mucous membranes, central nervous system disorders, nausea and dizziness. Chronic exposure to larger amounts of ethanol may damage the liver and central nervous system.

Aspiration hazard

In the case of a content-related aspiration hazard, this is evident from the classification and labeling of the entire product. Data on ingredients: Toluene: Product may pose an aspiration hazard to humans.

No data is available on the product itself.

Components Solvent: Aspiration hazard if swallowed - can enter lungs and cause damage.

Information on likely routes of exposure

Skin contact, Aspiration hazard

Specific effects in experiment on an animal

This information is not available.

Practical experience

This information is not available.

11.2. Information on other hazards

Further information

Harmful by inhalation and in contact with skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
108-88-3	toluene						
	Acute fish toxicity	LC50	13 mg/l	96 h	Carassius auratus	IUCLID	
	Acute algae toxicity	ErC50 mg/l	12,5	72 h		GESTIS	

12.2. Persistence and degradability

None known.

12.3. Bioaccumulative potential

Bioaccumulation is unlikely.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
108-88-3	toluene	2,73

12.4. Mobility in soil

No data is available on the product itself.



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12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

None known.

Further information

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Can be incinerated, when in compliance with local regulations. For this product, no waste code number according to the European Waste Catalog (AVV) can be specified, since only the intended use by the consumer allows an allocation. The waste code number must be determined within the EU in consultation with the disposal company.

Contaminated packaging

recommendation:

Packaging must be completely emptied (drip-free, free from trickle, spatula-clean)., Non-cleanable packaging must be disposed of in the same way as the substance.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (C7-C9 isoalkanes, Titanium

tetrabutanolate)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3



Classification code: F1

Special Provisions: 274 601 640D

Limited quantity: 1 L
Excepted quantity: E2
Transport category: 2
Hazard No: 33
Tunnel restriction code: D/E

Marine transport (IMDG)

14.1. UN number or ID number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (C7-C9 isoalkanes, Titanium

tetrabutanolate)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3



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Marine pollutant: yes
Special Provisions: 274
Limited quantity: 1 L
Excepted quantity: E2
EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (C7-C9 isoalkanes, Titanium

tetrabutanolate)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3



Special Provisions:

Limited quantity Passenger:

Passenger LQ:

Y341

Excepted quantity:

E2

IATA-packing instructions - Passenger:353IATA-max. quantity - Passenger:5 LIATA-packing instructions - Cargo:364IATA-max. quantity - Cargo:60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



14.6. Special precautions for user

Reference to other sections

14.7. Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 48

2004/42/EC (VOC): 83 %

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or

nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water



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15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,6,7,8,9,11.

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
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.
H361d	Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Further Information

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)