

Safety Data Sheet

according to 29 CFR 1910.1200(g)

88Q.000 KISS Quick Bonding Adhesive

Revision date: 04.05.2017

Product code: 880.000

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1. Identification

Product identifier

88Q.000 KISS Quick Bonding Adhesive

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Adhesives, sealants

Details of the supplier of the safety data sheet

Company name:	KISS Technologies LLC	
Street:	11447 Cronhill Drive, Suite G	
Place:	USA-21117 Owings Mills	
Telephone:	410-663-5477	
e-mail:	info@kiss-suspension.com	
Contact person:	Lee Mantelmacher	Telephone: 410-663-5477
e-mail:	info@kiss-suspension.com	
Internet:	www.kiss-suspension.com	
Responsible Department:	sales	

Emergency phone number: 1-800-535-5053 international 1-352-323-3500

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

Hazard categories:

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2A

Specific target organ toxicity single exposure: STOT SE 3

Hazard Statements:

Harmful in contact with skin

Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

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

Label elements

29 CFR Part 1910.1200

Signal word: Warning

Pictograms:



Hazard statements

Harmful in contact with skin

Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

Precautionary statements

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

Keep out of reach of children.

Read label before use.

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Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If on skin: Wash with plenty of water.
 Call a poison center/doctor if you feel unwell.
 Specific treatment (see Hazard statements on this label).
 If skin irritation occurs:
 Take off contaminated clothing and wash it before reuse.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center/doctor if you feel unwell.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.
 Dispose of contents/container to National regulations.

Additional advice on labelling

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

Hazards not otherwise classified

Cyanacrylate! Danger! Skin and eyelids will stick together in seconds. Keep out of the reach of children.

3. Composition/information on ingredients**Mixtures****Chemical characterization**

adhesive based on cyanacrylacid-ethylester

Hazardous components

CAS No	Components	Quantity
7085-85-0	ethyl 2-cyanoacrylate	90 - 100 %

4. First-aid measures**Description of first aid measures****General information**

Remove affected person from the danger area and lay down.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

After contact with skin

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated position. Where appropriate artificial ventilation.

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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), alcohol resistant foam. Extinguishing powder, ABC powder. Atomized water. Dry sand.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

Burning produces heavy smoke.

Special protective equipment and precautions for fire-fighters

Special exposure hazards arising from the substance itself, combustion products, resulting gases: In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Use water spray jet to protect personnel and to cool endangered containers. Remove product from area of fire. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothes. Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/vapour/aerosol.

Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Keep wet with water. Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Vapours / aerosols must be extracted by suction immediately at point of origin. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Recommended storage temperature: 2 - 8 °C Ensure adequate ventilation of the storage area.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Floors should be impervious, resistant to liquids and easy to clean.

Store small packages in a suitable, robust cabinet. Protect against direct sunlight.

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8. Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
7085-85-0	Ethyl cyanoacrylate	0.2			TWA (8 h)	ACGIH-2016

Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. Before starting work, apply solvent-resistant skincare preparations.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Test suitability of gloves before use.

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material : 0,5 mm

Breakthrough time (maximum wearing time) : >= 1 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Respiratory protection

Respiratory protection necessary at: insufficient ventilation. With correct and proper use, and under normal conditions, breathing protection is not required. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Combination filtering device (EN 14387) Use the following filter types for cleaning waste gases: A-P2

Environmental exposure controls

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Color:	colourless clear
Odor:	ester-like, stinging

Test method

pH-Value: 4,6

Changes in the physical state

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Melting point/freezing point:	-30 °C
Initial boiling point and boiling range:	200 °C DIN 53 171
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	81 °C DIN 51 755
Sustaining combustion:	Sustaining combustion

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

negative, no explosion

Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	155 °C DIN 51 794

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapor pressure: (at 20 °C)	0,5 hPa DIN EN 12
Vapor pressure:	not determined
Density (at 20 °C):	1,1 g/cm ³ DIN 51 757
Bulk density:	not applicable
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water, Polymerisation

Solubility in other solvents

not determined

Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	200 - 500 mPa·s DIN 53018
Viscosity / kinematic:	not determined
Flow time:	> 120 (3 mm)
Vapor density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	0 %

Other information

Solid content:	not determined
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10. Stability and reactivity

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Reactivity

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

Chemical stability

The study does not need to be conducted because the substance is known to be stable at room temperature for prolonged periods of time (days).

Possibility of hazardous reactions

Polymerisation Humidity

Conditions to avoid

Humidity

Incompatible materials

Alkali (lye), Alcohols, Amines, Water

Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

11. Toxicological information

Information on toxicological effects

Acute toxicity

Harmful in contact with skin

Health injuries are not known or expected under normal use.

ATEmix calculated

ATE (dermal) 2000,0 mg/kg

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
7085-85-0	ethyl 2-cyanoacrylate				
	oral	LD50 mg/kg	5000	Rat	OECD 401
	dermal	LD50 mg/kg	2000	Rabbit	

Irritation and corrosivity

Causes skin irritation

Causes serious eye irritation

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons. May cause skin and eye irritation in susceptible persons.

Sensitizing effects

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

May cause sensitization of susceptible persons by inhalation of aerosol or dust.

Carcinogenic/mutagenic/toxic effects for reproduction

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

none CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Specific target organ toxicity (STOT) - single exposure

May cause respiratory irritation (ethyl 2-cyanoacrylate)

There are no data available on the preparation/mixture itself.

Specific target organ toxicity (STOT) - repeated exposure

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

No data is available on the product itself.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

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Carcinogenicity (NTP): No ingredient of this mixture is listed.

Aspiration hazard

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

There are no data available on the preparation/mixture itself.

Specific effects in experiment on an animal

no data available No data is available on the product itself.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

12. Ecological information

Ecotoxicity

Acute fish toxicity =

LC50/48h/golden orfe = 100 mg/l

Persistence and degradability

not applicable Polymerisation

Bioaccumulative potential

not applicable Polymerisation

Mobility in soil

not applicable Polymerisation

Other adverse effects

not determined

Further information

Do not empty into drains.

13. Disposal considerations

Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Contaminated packaging

Dispose according to legislation. Completely emptied packages can be recycled.

14. Transport information

Marine transport (IMDG)

UN proper shipping name:

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Marine pollutant:

No

Air transport (ICAO-TI/IATA-DGR)

UN proper shipping name:

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

15. Regulatory information

U.S. Regulations

National regulatory information

SARA Section 311/312 Hazards:

ethyl 2-cyanoacrylate (7085-85-0): Immediate (acute) health hazard

State Regulations

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Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Changes

Revision date: 04.05.2017

Revision No: 1,28

This data sheet contains changes from the previous version in section(s): 11.

Abbreviations and acronyms

ADR: Accord européen sur le transport 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 Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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