

SAFETY DATA SHEET

according to Commission Regulation 453/2010

AQG7007_500 SHIELDIT INNOVATIONS Quick Gloss, 500 ml

Creation date 03rd September 2014

Revision date

Version

1.0

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

1.1. Product identifier

AQG7007_500 SHIELDIT INNOVATIONS Quick Gloss,
500 ml
mixture

Substance / mixture

Other mixture names

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

Mixture's intended use

Coating for car and boat painting

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name

Shieldit Innovations LLC

Address

16192 Coastal Highway

LEWES, Delaware 19958

United States

Phone

+1 (540) 480-0505

E-mail

support@shielditinnovations.com

Competent person responsible for the safety data sheet

Name

Shieldit Innovations

E-mail

support@shielditinnovations.com

1.4. Emergency telephone number

Emergency Telephone of Company/Undertaking +1 (540) 480-0505 (08:00am – 4:00pm)

Counselling centre for poisoning +1 (800) 222-1222

(American Association for Poison Controls Centres)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

None.

Classification and labelling according to Directive 1999/45/EC:

None.

2.2. Label elements

Classification according to 1272/2008/EC: No.

Applicable Exemptions:

Signal word(s); n.ap.

Hazard pictogram(s):

Component(s):

H-Phrases:

P-Phrases:

Additional Markings:

The above mentioned labelling is valid for distribution to industrial user.

2.3. Other hazards

PBT/vPvB

This mixture contains no substances which are assessed to be PBT or vPvB.

Endocrine disrupting properties

No information.

Additional information

May be harmful if swallowed.

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SECTION 3: Composition/information on ingredients

3.1. Substances

For mixtures see 3.2.

3.2. Mixtures

Chemical Characterisation:

Modified silane and siloxanes.

Dangerous Ingredients:

CAS EC Index Reach	Substance name	m% - range	Symbol	R/H - phrases
64-17-5 200-578-6 603-002-00-5 01-2119457610-43-xxxx	ethanol	1-5%	F GHS02	R11 H225
111-76-2 203-905-0 603-014-00-0 01-2119457108-36-xxxx	2-butoxyethanol	1-5%	Xn GHS07	R20/21/22-36/38 H332 H312 H302 H319 H315

Text of R-/H- phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. If symptoms develop and persist, seek medical attention.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

If the patient is wearing contact lenses, remove them immediately. Immediately flush eyes with running water, keeping eyelids apart, for at least 15 minutes. If irritation persists, seek professional medical attention.

If swallowed

DO NOT INDUCE VOMITING! In case of doubt or if feeling unwell seek medical help. Show the physician the safety data sheet or label. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.

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

None known.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

Water - full jet.

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5.2. Special hazards arising from the substance or mixture

In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

Additional information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

Use personal protective equipment.

6.2. Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

6.3. Methods and material for containment and cleaning up

For cleaning up

Soak up with inert absorbent material (e.g. sand, universal binder, sawdust).

Other information

Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

None.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures:

Avoid contact with skin and eyes.

Take off all contaminated clothing immediately.

When using, do not eat, drink or smoke.

Wash hands before breaks and at the end of workday.

Do not breathe vapours or spray mist.

Precautions in Case of Fire and Explosion:

Normal measure for preventive fire protection.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage Instructions:

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

Protect from light, moisture and damage. Keep away from direct sunlight.

Store aware from:

Do not store together with oxidizing agents strong acids and strong bases.

Further information on storage conditions

Ensure adequate ventilation.

7.3. Specific end use(s)

No information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure limit values:

Material

Ethanol

2-Butoxyethanol

Limit Value

500 ppm | 960 mg/m³

20 ppm | 98 mg/m³, TWA: 20 ppm | 98 mg/m³

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8.2. Exposure controls

Appropriate engineering control:

Provide appropriate exhaust ventilation at machinery.

Individual protection measures:

Respiratory Protection: Not required under normal use

Hand Protection: Protective gloves complying with EN 374.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye Protection: In case of contact through splashing: safety glasses

Skin Protection: Protective suit

Further Information: Observe wearing time limits

Environmental exposure controls:

n. av.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	mild characteristic
Odour threshold	n.av.
pH-value, undiluted:	n.av., pH-value, 1% aqueous solution: n.av.
Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): n.av.
Flash point (°C):	n.av., closed cup
Flammability (EEC A10/A13):	No.
Ignition temperature (°C):	n.av.
Autoflammability (EEC A16):	None.
Oxidising properties:	No.
Explosion hazard:	No.
Explosion limits (Vol.%) lower:	n.av., upper: n.av.
Vapour pressure: / Vapour density (Air = 1):	n.av. / n.av.
Density (g/ml):	~ 1
Solubility (in Water):	completely miscible
Partition coefficient, n-Octanol / Water:	n.av.
Viscosity:	n.av.
Solvent content (m %):	1 – 5
Thermal decomposition (°C):	n.av.
Evaporation rate:	n.av.

9.2. Other Information

n. av.

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

No conditions to be specially mentioned.

10.5. Incompatible materials

Incompatible with oxidizing agents strong acids and strong bases.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

To avoid thermal decomposition, do not overheat.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substances

Mixtures

Acute Toxicity:	
Inhalation:	n.av.
Ingestion:	n.av.
Skin Contact:	n.av.
Irritation / corrosion (to skin / eye):	Slight
Sensitisation:	n.av.
Carcinogenicity:	n.av.
Mutagenicity:	n.av.
Teratogenicity:	n.av.
Narcotic Effects:	None.

Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

12.1. Toxicity

We have no quantitative data concerning the ecological effects of this product.

Ecological injuries are not known or expected under normal use.

12.2. Persistence and degradability

No data is available on the product itself.

12.3. Bioaccumulative potential

n.av.

12.4. Mobility in soil

n.av.

12.5. Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6. Other adverse effects

COD-Value, mg/g:	n.av.
BOD5-Value, mg/g:	n.av.
AOX-Remarks:	Not applicable.
Significant Components:	n.av.
Other adverse effects:	Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation: D 10

Waste – Code – No.:

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

Contaminated Packaging

Recommendation:

Wash with suitable cleaner. Otherwise as described under Residues.

Do not let product enter drains.

Safe Handling:

As described under Residues.

Handle in accordance with good industrial hygiene and safety practice.

No information.

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SECTION 14: Transport information

ADR/RID	IMDG	IATA	AND
Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.	Not a dangerous substance as defined in the above regulations.
14.1. UN number or ID number			
14.2. UN proper shipping name			
14.3. Transport hazard class(es)			
14.4. Packing group			
14.5. Environmental hazards			
14.6. Special precautions for user			
Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)	
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code			

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Text of R / H phrases mentioned in Section 3

R 11: Highly flammable.
R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R 36/38: Irritating to eyes and skin.

H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.

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Statement

This datasheet has been compiled in accordance with EU regulation 453/201.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.