

This form has been prepared according to regulation (EC) No 453/2010 and regulation on Material Safety Data Sheet related to Hazardous Substances and Mixtures (R.G. 13.12.2014-29204).

**PERMOLIT PERULO SILIKONLU TEXTURE DIŞ CEPHE KAPLAMASI / PERULO SILICONE TEXTURED EXTERIOR COATING**

Preparation Date : 01.11.2007  
Form No : GBF 03.009

Revision Date : 05.06.2017  
Revision No : 2

**1. Identification of the Substance/Mixture and of the Company/Undertaking****1.1. Product identifier**

Permolit Perulo Silicone Textured Exterior Coating

**1.2. Relevant identified uses of the mixture and uses advised against**

Water based, silicone, top coat, rough, textured exterior coating

**1.3. Details of the supplier of the safety data sheet**

Name : Akçalı Boya ve Kimya San. Tic. A.Ş.  
Address : Osmangazi M. Mareşal Fevzi Çakmak C. No:5 Esenyurt – İstanbul / Türkiye  
Tel / Fax : +90 0212 886 23 43 (Pbx) / +90 0212 886 18 11  
Contact e-mail : zekir.senol@akcaliboya.com.tr

**1.4. Emergency telephone number**

Emergency telephone number : +90 212 886 23 43  
National Toxic Consultation Center : 114 (UZEM)

**2. Hazards Identification****2.1. Classification of the substance/mixture**

Classification according to regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures and Turkish regulation R.G. 11.12.2013-No: 28848 (repeating):

The product hasn't been classified.

**2.2. Label elements**

Labelling isn't required.

EUH 208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (Cas No: 55965-84-9). May produce an allergic reaction.

**Precautionary Statements**

P102 : Keep out of reach of children.  
P262 : Do not get in eyes, on skin, or on clothing.  
P270 : Do not eat, drink or smoke when using this product.  
P273 : Avoid release to the environment.  
P302+P352 : IF ON SKIN: Wash with plenty of soap and water.  
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**

It has not been classified to according to PBT and vPvB.

**3. Composition/Information on the Ingredients****3.2. Mixture**

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Ingredient name	EC No	CAS No	%	Classification (EC 1272/2008)
Kerosine (petroleum), hydrodesulfurized;	265-184-9	64742-81-0	1-2	GHS08; Asp. Tox. 1-H304
Ethylene glycol	203-473-3	107-21-1	<1	GHS07; Acute Tox. 4 *-H302
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)		55965-84-9	<0,0015	GHS06; Acute Tox. 3 *-H331 Acute Tox. 3 *-H311 Acute Tox. 3 *-H301 GHS05; Skin Corr. 1B-H314 GHS07; Skin Sens. 1-H317 GHS09; Aquatic Acute 1-H400 Aquatic Chronic 1-H410

\*For the explanation of the listed hazard statements refer to Section 16.

**4. First Aid Measures**

**4.1 Description of first aid measures**

Inhalation : Remove to fresh air. In case of persistent complaints obtain medical attention.  
Ingestion : Do not induce vomiting. Immediately obtain medical attention.  
Skin contact : Remove contaminated clothing. Clean the skin with water, soap and special cleaning cream.  
Eye contact : Flush eye with copious quantities of water. If irritation occurs, obtain medical attention.

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

Other information is not available.

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

Other information is not available.

**5. Firefighting Measures**

The product isn't flammable.

**5.1 Extinguishing media**

Suitable extinguishing media : Water, dry chemical powder, foam, CO<sub>2</sub>, inert absorbent sand.  
Unsuitable extinguishing media : No

**5.2 Special hazards arising from the substance or mixture**

If fire starts, not breathe the fume

**5.3 Advice for firefighters**

Use suitable protective clothes, boots, gloves, eye and face protective, breathing equipment.

**6. Accidental Release Measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

If leak and spill occurs, ventilate the environment sufficiently, wear personal protective equipment.

**6.2 Environmental precautions**

Keep away from drains, surface and ground water and soil.

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**6.3 Methods and material for containment and cleaning up**

Use sand, sawdust or inert absorbent material to limit product leakage. Transfer the leaky material to suitable containers for safe disposal. Soak up with an appropriate absorbent material and put it in a closed container for safe disposal in accordance with current legislation (Section 13).

**6.4 Reference to other sections**

Responding to accident place, wear personal protective equipment in Section 8 and dispose of waste in accordance with procedure in Section 13.

**7. Handling and Storage**
**7.1 Precautions for safe handling**

Use in well-ventilated areas. Extra special precautions aren't required. Avoid product releasing unrestrainedly.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in closed package at ambient temperature protecting from direct sun lights and hot. Product isn't flammable and explosive.

**7.3 Specific end use(s)**

Use by looking product label.

**8. Exposure Controls/Personal Protection**
**8.1 Control parameters**

Indicative occupational exposure limit values:

Ingredient name	TWA-8 hours		STEL-15 minutes		Notation
	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
Ethylene glycol Cas No:107-21-1	52	20	104	40	Skin

**8.2 Exposure controls**

Personal protective equipment

Respiratory protection : Special equipment isn't required. Provide ventilation in working area.

Hand protection : Wear waterproof rubber gloves with CE marking.

Eye protection : Use eyewear with CE marking.

Skin protection : Not require special clothes. Take off working-clothes after usage.

**9. Physical and Chemical Properties**
**9.1 Information on basic physical and chemical properties**

Appearance : Liquid

Colour : Card Colours

Odour : Special characteristic odour

Viscosity : 180 ± 10 KU (25°C)

195 ± 10 KU (25°C)

Density : 1,75 ± 0,15 gr/cm<sup>3</sup> (25°C)

Solid : 76 ± 2 (120°C 30 min)

pH : 8,5 ± 1

Flash point : Not applicable

Self igniting : Product is not self igniting

Boiling point : Not determined

Melting point : Not determined

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Solubility : Soluble in water  
VOC : < 40 g/L\*  
\*ready to use

**9.2 Other information**

Other information is not available.

**10. Stability and Reactivity**

- 10.1 Reactivity** : Under normal conditions, product does not react.  
**10.2 Chemical stability** : Stable under normal conditions of storage and use.  
**10.3 Possibility of hazardous reactions** : Not  
**10.4 Conditions to avoid** : Not special conditions.  
**10.5 Incompatible materials** : Not special materials.  
**10.6 Hazardous decomposition products** : No hazardous decomposition products known.

**11. Toxicological Information****11.1 Information on toxicological effects**

No toxicity data are available for the product.

- Ingestion : Not detected a problem.  
Inhalation of vapour : Not detected a problem.  
Skin contact : Not detected a problem.  
Eye contact : It may cause irritation eyes.

**12. Ecological Information**

No ecotoxicity data are available for the product.

- 12.1 Toxicity** : Not dangerous for environment.  
**12.2 Persistence and degradability** : No available data  
**12.3 Bioaccumulative potential** : No bioaccumulative potential for product  
**12.4 Mobility in soil** : No mobility  
**12.5 Results of PBT and vPvB assessment** : No available data  
**12.6 Other adverse effects** : No available data

**13. Disposal Considerations**

Disposal of waste/surplus and contaminated packaging should be carried out in accordance with applicable regional, national and local laws and regulations. According to Turkish regulation of Waste Management (R.G. 02.04.2015 No: 29314), waste codes:

Waste paint and varnish : 080111  
Contaminated package : 150110  
Contaminated waste : 150202

**13.1 Waste treatment methods**

Do not allow product to reach sewage system.  
Wastes should be sent to licensed recycling facility

**14. Transport Information**

Road Transport : ADR / RID ve GGVS / GGVE  
Marine Transport : IMDG / GGVSea  
Air Transport : ICAO – TI ve IATA DGR  
Product isn't dangerous goods according to these regulations.

**MATERIAL SAFETY DATA SHEET**

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- 14.1 UN number** : Not applicable.  
**14.2 UN proper shipping name** : Not applicable.  
**14.3 Transport hazard class(es)** : Not applicable.  
**14.4 Packing group** : Not applicable.  
**14.5 Environmental hazards** : Not applicable.  
**14.6 Special precautions for user** : Not applicable  
**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable

**15. Regulatory Information**

The product has been classified and marked according to Globally Harmonized System (GHS).

Regulation EC No 1272/2008 of the European Parliament and of the Council 16 December 2008 on Classification, Labelling and Packaging of Substances and Mixtures and Turkish Regulation about Classification, Labelling and Packaging of Substances and Mixtures-R.G. 11.12.2013-No: 28848 (repeating),

Regulation (EC) No 453/2010 and regulation on Material Safety Data Sheet related to Hazardous Substances and Mixtures (R.G. 13.12.2014-29204),

This form has been prepared according to regulations above.

Indicative occupational exposure limit values have been written in accordance with Directive 98/24/EC and Turkish regulation Health and Safety Precautions on Working with Chemical Material 12.08.2013-28733.

**16. Other Information**

Revision has been carried out due to regulation change.

Explanation of the hazard and precautionary statements according to (EC) No 1272/2008 and Turkish regulation R.G. 11.12.2013-No: 28848 (repeating):

**Hazard Statements**

- H301 : Toxic if swallowed  
H302 : Harmful if swallowed  
H304 : May be fatal if swallowed and enters airways  
H311 : Toxic in contact with skin  
H314 : Causes severe skin burns and eye damage  
H317 : May cause an allergic skin reaction  
H331 : Toxic if inhaled.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

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MSDS Certificate No : GBF – 1904  
Document Date : 13.04.2015

**Not** : The data given here is based on our current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.