

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 01.03.2014

Revision: 02.2015

Version: 1

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**1.1 Product identifier**

**Trade name:** KERAMIK

**Article number:** 9.BFKERAMIK/8 - 9.BFKERAMIK500/8 – 9.BFKERAMIK250/6

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

Automotive care products

**1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:**

RUPES SpA

Via Marconi 3/A

20080 Vermezzo – MILANO – Italy

Tel.: +39 02.94.694.1

Fax: +39 02.94.94.10.40

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

This mixture is not classified as hazardous according to Directive 1999/45/EC.

**GHS classification**

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

**2.2. Label elements** Danger symbols

**2.3. Other hazards**

No information available

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
926-141-6	hydrocarbons, C11- C14, n-alkanes, isoalkanes, cycloalkanes , < 2% aromatics	5 - < 10 %
90622-58-5	Xn - Harmful R65-66	
	Flam. Liq. 4, Asp. Tox. 1; H227 H304 EUH066	
01-2119456620-43		
232-455-8	white mineral oil ( petroleum )	1 - < 5 %
8042-47-5		
	Asp. Tox. 1; H304	
01-2119487078-27		

Full text of R-, H- and EUH-phrases: see section 16.

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**After inhalation:** Provide fresh air

**After contact with skin:** Wash with plenty of water. Take off contaminated clothing and wash it before reuse

**After contact with eyes:** Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion:** Rinse mouth immediately and drink plenty of water.

**4.2. Most important symptoms and effects, both acute and delayed:** No information available.

**4.3. Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media:** Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder.

**Unsuitable extinguishing media:** Full water jet

**5.2 Special hazards arising from the substance or mixture:** Non-flammable.

**5.3 Advice for firefighters:** In case of fire: Wear self-contained breathing apparatus.

**Additional information:** Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protection equipment..

**6.2 Environmental precautions:** Do not allow to enter into surface water or drains.

**6.3 Methods and material for containment and cleaning up:** Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**6.4 Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Advice on safe handling:** No special measures are necessary.

**Advice on protection against fire and explosion:** No special fire protection measures are necessary.

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

**Requirements for storage rooms and vessels:** Keep container tightly closed.

**Advice on storage compatibility:** No special measures are necessary.

**7.3 Specific end use(s):** Automotive care products.

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1344-28-1	Aluminium Oxid respirable dust		4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist		10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2 Exposure controls**

**Protective and hygiene measure:** Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**Eye/face protection:** Wear eye/face protection.

**Hand protection:** When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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:** Wear suitable protective clothing

**Respiratory protection:** In case of inadequate ventilation wear respiratory protection.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties General Information**

Physical state: Paste

Colour: light grey

Odour: characteristic

Test method pH-Value (at 20 °C): not determinate

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determinate

Flash point: >70 °C

Flammability

Solid: not determined

Gas: not applicable

Lower explosion limits: 3,6 vol. %

Upper explosion limits: 7 vol. %

Auto-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Vapour pressure: not determinate

Density (at 20 °C): 1 g/cm<sup>3</sup>

Water solubility: easy soluble

Solubility in other solvents not determined

Partition coefficient: not determined

Viscosity / dynamic:

(at 20 °C)

16000-19000 mPa·s

Vapour density: not determined

Evaporation rate: not determined

Solvent content: 14,00 %

**9.2. Other information**

Solid content not determined

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity:** No hazardous reaction when handled and stored according to provisions.

**10.2 Chemical stability:**

**10.3 Possibility of hazardous reactions:**

**10.4 Conditions to avoid:** none.

**10.5 Incompatible materials:** No information available.

**10.6 Hazardous decomposition products:** No known hazardous decomposition products..

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects.**

**Acute toxicity:**

CAS	No Chemical name	Exposure routes	Method	Dose	Species	Source
		hydrocarbons, C11- C14, n-alkanes, isoalkanes, cycloalkanes, < 2% aromatics				
		oral	LD50	5000 mg/kg	Ratte	OECD-Richtlinien 401
		dermal	LD50	5000 mg/kg	Kaninchen	OECD-Richtlinien 402
<b>8042-47-5 white mineral oil ( petroleum )</b>						
		oral	LD50	>5000 mg/kg	Rat	OECD 401
		dermal	LD50	>2000 mg/kg	Rabbit	OECD 402
		inhalative (4 h) vapour	LC50	>5000 mg/l	Rat	OECD 403

**Carcinogenicity (IARC):**

**Carcinogenicity (OSHA):**

**Additional information on tests** This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

**SECTION 12: Ecological information**

**12.1 Toxicity**

CAS No	Chemical name	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
<b>8042-47-5 white mineral oil ( petroleum )</b>							
		Acute fish toxicity	LC50	>1000 mg/l	96 h	Leuciscus idus (goldenorfe)	

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The product has not been tested.

**12.6. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Advice on disposal:** Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Contaminated packaging:** Wash with plenty of water. Completely emptied packages can be recycled.

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**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.1. UN number:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

**ENVIRONMENTALLY HAZARDOUS:** no

**14.6. Special precautions for user:** No information available.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** not applicable

**SECTION 15: Regulatory information**

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

**Substance or mixture**

EU regulatory information

2010/75/EU (VOC): 8 % (80 g/l)

2004/42/EC (VOC): 8 % (80 g/l)

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**Substance/product listed in the following inventories**

**EINECS/ELINCS/NLP** yes

**NECI** unknown

**NZIoC** unknown

**TSCA** yes

**FDA** unknown

**CEPA** unknown

**DSL** yes

**KECI/ECL** unknown

**PICCS** unknown

**MITI** unknown

**IECSC** unknown

**AICS** unknown

**ISHL** unknown

**NDSL** no

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**SECTION 16: Other information**

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**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%

**Relevant R-phrases (Number and full text)**

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

**Relevant H- and EUH-phrases (Number and full text)**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

**Further Information**

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.