

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 1

Revised edition: 29.11.2010

Version: 1.4

Printed: 09.01.2015

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Ozokerite

Article No.: 62690

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Industrial application.

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008

This product is not classified as hazardous according to the CLP/GHS Directive.

Classification according to EC Regulation No. 67/548 or No. 1999/45

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

Classification according to EC Regulation 1272/2008

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

Other Hazards

next page: 2

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 2

Revised edition: 29.11.2010

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2.3.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Wax

Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

No special measures required.

After skin contact:

*After contact with molten material cool affected skin with water.
Do not try to remove material from skin or remove contaminated clothing, risk of tearing away skin.
Get medical attention.*

After eye contact:

Rinse open eyes with plenty of water. In case of discomfort seek medical help.

After ingestion:

Do not induce vomiting.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, CO₂, dry extinguishing powder.

Unsuitable extinguishing media:

Water

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of CO, CO₂ and fumes.

next page: 3

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 3

Revised edition: 29.11.2010

Version: 1.4

Printed: 09.01.2015

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Cool exposed containers with water spray.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid contact with skin, eyes and clothing.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal.

Avoid dust formation.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust.

Hygienic measures:

Keep away from foodstuffs and drinks.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store containers in a well ventilated location.

Protect from direct exposure to light.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Product can form an explosive dust mixture under certain conditions.

Keep away from sources of ignition.

Storage class (VCI):

11; Combustible solids

Further Information:

next page: 4

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 4

Revised edition: 29.11.2010

Version: 1.4

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7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

TLV: 3 mg/m³ (8h) airborne fraction (average value).

TLV: 10 mg/m³ (8h) inhalable dust (average value)

Peak limit Category: 2 (II)

Parameters to be controlled (EC):

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Do not inhale dust.

Respiratory protection:

In case of formation of dust.

Hand protection:

Not required

Protective glove material:

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: solid

Color: white, brownish

Odor: weak, characteristic

Odor threshold: No information available.

pH-Value: not available

next page: 5

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 5

Revised edition: 29.11.2010

Version: 1.4

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<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>> 150°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not available</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.85 - 1.05 g/cm³ (20°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	

9.2. Further Information

<i>Solubility in solvents:</i>	
<i>Viscosity, kinematic</i>	
<i>Burning class:</i>	
<i>Solvent content:</i>	
<i>Solid content:</i>	

next page: 6

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 6

Revised edition: 29.11.2010

Version: 1.4

Printed: 09.01.2015

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Dust can form explosive mixtures with air.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid formation of dust.

Thermal decomposition:

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11. 1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 2000 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

No irritant effect known.

Irritant effect on eyes:

No irritant effect known.

Inhalation:

No irritant effect known.

Ingestion:

Sensitization:

No sensitizing effects known.

Mutagenicity:

No data available.

Reproductive toxicity:

next page: 7

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 7

Revised edition: 29.11.2010

Version: 1.4

Printed: 09.01.2015

No data available.

Carcinogenicity:

No data available.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No data available.

Additional toxicological information:

No information available.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

next page: 8

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 8

Revised edition: 29.11.2010

Version: 1.4

Printed: 09.01.2015

14. 1.	UN Number	
	<i>ADR, IMDG, IATA</i>	
14. 2.	UN Proper Shipping Name	
	<i>ADR/RID:</i>	<i>No hazardous goods according to ADR (land transportation).</i>
	<i>IMDG/IATA:</i>	<i>No hazardous goods according to IMDG.</i>
14. 3.	Transport Hazard Classes	
	<i>ADR Class:</i>	<i>not applicable</i>
	<i>Hazard no.:</i>	
	<i>Classification code:</i>	
	<i>Tunnel no.:</i>	
	<i>IMDG Class (sea):</i>	
	<i>Hazard no.:</i>	
	<i>EmS No.:</i>	
	<i>IATA Class:</i>	<i>not applicable</i>
	<i>Hazard no.:</i>	
14. 4.	Packaging Group	
	<i>ADR/RID:</i>	<i>not applicable</i>
	<i>IMDG:</i>	
	<i>IATA:</i>	
14. 5.	Environmental Hazards	<i>None</i>
14. 6.	Special Precautions for User	<i>Not classified as a dangerous good under transport regulations.</i>
14. 7.	Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code	<i>not applicable</i>
14. 8.	Further Information	
15.	Regulatory Information	
15. 1.	Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture	
	<i>Water hazard class:</i>	<i>0, not hazardous (self-assessment)</i>
	<i>Local regulations on chemical accidents:</i>	
	<i>Employment restrictions:</i>	
	<i>Restriction and prohibition of application:</i>	

next page: 9

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



62690 Ozokerite

Page 9

Revised edition: 29.11.2010

Version: 1.4

Printed: 09.01.2015

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.