Keramic Paste PP 200ml

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

1.1. Product identifier

Trade name/designation:

Keramic Paste PP 200ml

Article No.:
T920002

UFI:
W92F-RFPC-RD02-629U

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

Use of the substance/mixture:
Lubricants and additives

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH
Hartleitnerstraße 3
4653 Eberstalzell
Austria
Telephone: +43 (0) 7241 213 79
E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
aerosol dispensers and lighters *(Aerosol 3)*	H229: Pressurised container: May burst if heated.	

Additional information:
Pressurised container: May burst if heated.

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2.2. Label elements

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

Signal word: Warning

Hazard statements for physical hazards	
H229	Pressurised container: May burst if heated.

Supplemental hazard information	
EUH210	Safety data sheet available on request.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary statements Prevention	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.

Precautionary statements Storage	
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards

Other adverse effects:

Contains no PBT/vPvB substances ≥ 0.1%, assessed according to REACH Annex XIII.
The mixture does not contain substances listed for endocrine disrupting properties according to REACH Article 59(1) or it has been determined according to the criteria of Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 that it does not contain substances with endocrine disrupting properties in a concentration equal to or greater than 0.1

SECTION 3: Composition/information on ingredients

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3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 13463-67-7 EC No.: 236-675-5 Index No.: 022-006-00-2 REACH No.: 01-2119489379-17	**titanium dioxide** Carc. 2 (H351) Warning **Additional information:** Note 10: The classification as "carcinogenic by inhalation" applies only to mixtures in the form of powder containing at least 1% titanium dioxide in particulate form or incorporated in particles with an aerodynamic diameter of ≤ 10 µm. Note W: It has been established that there is a risk of carcinogenicity of this substance when respirable dust is inhaled in quantities that lead to a significant impairment of the natural clearance mechanisms for particles in the lungs. This note is intended to describe the specific toxicity of the substance and is not a criterion for classification under this Regulation. Note V: If the substance is intended to be placed on the market in the form of fibres (with diameter < 3 µm, Länge > 5 µm and aspect ratio ≥ 3:1) or as particulate matter meeting the WHO criteria for fibres or as particles with modified surface chemistry, their hazardous properties must be assessed in accordance with Title II of this Regulation to determine whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied. Produkt unterliegt CLP Artikel 1.1.3.7. Die Offenlegungsregeln der Komponenten werden in diesem Fall geändert.	≥ 10 – < 20 weight-%

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

If medical advice is needed, have product container or label at hand.
Never give anything orally to an unconscious person. If you feel unwell, seek medical advice (show this label if possible).

Following inhalation:

Remove person to fresh air and keep comfortable for breathing. Ensure inhalation of fresh air. Allow the affected person to rest.

In case of skin contact:

Rinse skin with water. Remove contaminated clothing and rinse affected areas of skin thoroughly with water.

After eye contact:

Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

Following ingestion:

Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Get medical help.

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

Does not pose a significant hazard under normal conditions of use.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray jet, Dry extinguishing powder, Foam, Carbon dioxide (CO2), Sand

Unsuitable extinguishing media:

Water jet

5.2. Special hazards arising from the substance or mixture

In case of fire: Non-flammable.
Explosion risk.: Pressurised container: May burst if heated.
Reactivity: The product is not explosive.
Hazardous decomposition products in the event of fire: Possible release of toxic fumes.

5.3. Advice for firefighters

Use water spray or mist to cool exposed containers. Never give anything orally to an unconscious person. If you feel unwell, seek medical advice (show this label if possible).
Do not attempt to operate without suitable protective equipment. Wear self-contained breathing apparatus. Full protective clothing. Do not enter the fire compartment without adequate protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Ventilate affected area. No open fire, no sparks and no smoking. Evacuate uninvolved persons.

Protective equipment:

Do not attempt to operate without suitable protective equipment. For further information on personal protective equipment: see section 8. Equip cleaning staff with suitable protection.

Emergency procedures:

Ventilate affected area.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains/surface water/ground water. In case of spillage into water or sewage system, inform the competent authorities.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Take up mechanically. This substance and its container must be disposed of safely and in accordance with local regulations. Absorb spillage as soon as possible with inert solids such as clay or diatomaceous earth. Store away from other materials.

Other information:

Feed substances or residues in solid form to an approved facility.

6.4. Reference to other sections

For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Ensure good ventilation/extraction at the workplace. Wear personal protection equipment (refer to section 8). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Wash hands and other exposed areas of the body with mild soap and water before eating, drinking or smoking and when leaving the workplace. Ensure good ventilation/extraction at the workplace.

Advices on general occupational hygiene

Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Keep cool. Keep only in the original container in a cool, well-ventilated place. Put lids on containers immediately after use.

Hints on storage assembly:

Incompatible with: strong base, strong acids
Protect from sunlight. Keep away from sources of ignition - No smoking.

7.3. Specific end use(s)

Recommendation:

none weiteren Informationen verfügbar

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT) from 11 Sept 2007	**titanium dioxide** CAS No.: 13463-67-7 EC No.: 236-675-5	② 10 mg/m³ ⑤ (alveolengängige Fraktion, max. 2x60 min./Schicht)
MAK (AT) from 11 Sept 2007	**titanium dioxide** CAS No.: 13463-67-7 EC No.: 236-675-5	① 5 mg/m³ ⑤ (alveolengängige Fraktion)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure good ventilation/extraction at the workplace.

8.2.2. Personal protection equipment



Eye/face protection:

Safety glasses or goggles (EN 166).

Skin protection:
Wear suitable protective clothing when working.
Wear protective gloves.

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

Thermal hazards:
No further relevant information available.

8.2.3. Environmental exposure controls
Avoid release to the environment. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid
Colour: Weiß.
Odour: characteristic
flammability: No

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	*No data available*	
Melting point	*not applicable*	
Freezing point	*No data available*	
Initial boiling point and boiling range	*No data available*	
Flash point	*No data available*	
Evaporation rate	*No data available*	
Auto-ignition temperature	*No data available*	
Upper/lower flammability or explosive limits	*No data available*	
Vapour pressure	*No data available*	
Vapour density	*No data available*	
Density	1.2 – 1.3 g/cm³	
Bulk density	*not applicable*	
Water solubility	*No data available*	
Dynamic viscosity	*No data available*	
Kinematic viscosity	*No data available*	

9.2. Other information
Flammable aerosol. Pressurized container: May burst if heated.
Contains 0 mass percent flammable components.

SECTION 10: Stability and reactivity

10.1. Reactivity
Pressurised container: May burst if heated.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No known hazardous reactions.

10.4. Conditions to avoid
Avoid contact with hot surfaces. Heat. No naked flames, no sparks. Remove all sources of ignition. Protect from direct sunlight. extreme temperatures

10.5. Incompatible materials
Strong acid, strong base

10.6. Hazardous decomposition products
No known hazardous decomposition products.
Smoke, Carbon monoxide, Carbon dioxide (CO2)

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute oral toxicity:
Based on available data, the classification criteria are not met.
Acute dermal toxicity:
Based on available data, the classification criteria are not met.
Acute inhalation toxicity:
Based on available data, the classification criteria are not met.
Skin corrosion/irritation:
Based on available data, the classification criteria are not met.
Serious eye damage/irritation:
Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:
Based on available data, the classification criteria are not met.
Germ cell mutagenicity:
Based on available data, the classification criteria are not met.
Carcinogenicity:
Based on available data, the classification criteria are not met.
Reproductive toxicity:
Based on available data, the classification criteria are not met.
STOT-single exposure:
Based on available data, the classification criteria are not met.
STOT-repeated exposure:
Based on available data, the classification criteria are not met.
Aspiration hazard:
Based on available data, the classification criteria are not met.

11.2. Information on other hazards
Endocrine disrupting properties:
No further relevant information available.

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity:
No further relevant information available.
Sediment toxicity:
No further relevant information available.
Terrestrial toxicity:
No further relevant information available.
Assessment/classification:
No further relevant information available.
Additional ecotoxicological information:
The product is not considered harmful to aquatic organisms nor does it cause long-term damage to the environment.

12.2. Persistence and degradability
Abiotic degradation:
No further relevant information available.
Biodegradation:
No further relevant information available.

Additional information:
No further relevant information available.

12.3. Bioaccumulative potential
Bioconcentration factor (BCF):
No further relevant information available.

12.4. Mobility in soil
No further relevant information available.

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties
No further relevant information available.

12.7. Other adverse effects
water hazard class 3: highly hazardous to water
Avoid release to the environment.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods
Dispose of contents/container to an appropriate recycling or disposal facility. Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

12 01 12 *	spent waxes and fats

**: Evidence for disposal must be provided.*

Waste code packaging

15 01 06	mixed packaging

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping name			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS, Non-flammable.
14.3. Transport hazard class(es)			
 2.2	 2.2	 2.2	 2.2
14.4. Packing group			
		-	
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Special Provisions: 190 | 327 | 344 | 625 **Limited quantity (LQ):** 1L **Excepted Quantities (EQ):** E0	**Special Provisions:** 190 | 327 | 344 | 625 **Limited quantity (LQ):** 1L **Excepted Quantities (EQ):** E0	**Special Provisions:** 63 | 190 | 277 | 327 | 344 | 381 | 959 **Limited quantity (LQ):** SP277 **Excepted Quantities (EQ):** E0	**Special Provisions:** A98 | A145 | A167 | A802 **Limited quantity (LQ):** 1L Y203 **Excepted Quantities (EQ):** E0

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
Classification code: 5A **Tunnel restriction code:** (E) **Remark:** Packaging instructions P207 LP200 Special Provisions Package: PP87, RR6, L2 Special Provisions Packing together: MP9 Transport category: 3 Special Provisions Transport - Packages: V14 Special Provisions Transport - loading and unloading, handling (ADR): CV9, CV12 Special Provisions Transport - Packages (RID): W14 Special Provisions Transport - loading and unloading, handling (RID): CW9, CW12 Express goods (RID): CE2 Number Labelling Danger: 20	**Classification code:** 5A **Remark:** Equipment required: PP Ventilation: VE04 Number of blue cones/ lights: 0	**EmS-No.:** F-D, S-U **Remark:** Packaging instructions: P207, LP200 Special Provisions Package: PP87, L2 Congestion category: none Stowage and handling: SW1, SW22 Separation: SG69	**Remark:** IATA Maximum Quantity - Passenger: 75kg IATA Packing Instructions - Passenger: 203 IATA Maximum Quantity - Cargo: 150kg IATA-Verpackungsanweisung - Cargo: 203 ERG-Code: 2L

14.7. Maritime transport in bulk according to IMO instruments
not applicable

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:
Does not contain substances on the REACH candidate list. Does not contain substances listed in Annex XIV of REACH. Does not contain substances subject to Regulation (EC) No 1005/2009 on substances that deplete the ozone layer. Does not contain substances subject to Regulation (EC) No 2019/1021 on persistent organic pollutants. Does not contain substances subject to Regulation (EC) No 649/2012 on the export and import of dangerous chemicals. Does not contain substances subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors. Does not contain substance(s) included in the list of drug precursors (Regulation EC 273/2004 on drug precursors).

Restrictions on use:
Use restriction according to REACH annex XVII, no.: 3(a) - Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F

15.1.2. National regulations
No data available

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

SECTION 16: Other information

* 16.1. Indication of changes

2.2.	Label elements
3.2.	Mixtures
8.1.	Control parameters
9.1.	Information on basic physical and chemical properties
13.1.	Waste treatment methods
16.1.	Indication of changes
16.2.	Abbreviations and acronyms

* 16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DNEL	derived no-effect level
EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
UN	United Nations

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
aerosol dispensers and lighters *(Aerosol 3)*	H229: Pressurised container: May burst if heated.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H351	Suspected of causing cancer.

16.6. Training advice

No data available

16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with

caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.