HUGE 沪鸽

Safety Data Sheet

Product Name： Firing Paste
Referde to GB/T16483、GB/T17519
Initial Preparation Date : 2024.07.18
SDS number：HGD/QT-SJG-03-06

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

Chinese names of chemicals :烧结膏
English names of chemicals:Firing Paste
Company Name: Shandong Huge Dental Material Corporation
Address: No.68 shanhai Road, Donggang District Rizhao City
City, State, Zip Code: Shandong Province, 276800, P.R.China
Telephone:0633-2277285
Postal code： 276800
Website:www.hugedental.com
Relevant identified uses of the substance or mixture and uses advised against: For supporting and stabilising ceramic restorations during porcelain baking or glazing.

SECTION 2: Hazards identification

GHS risk categories:No relevant GHS risk categories

Label elements: No risks worthy of mention.

Health hazards:

Inhalation: The product is in paste form and will not be inhaled during normal use.

Eye contact: If it enters the eye, it may cause some damage to the eyeballs.

Skin contact: Contact with skin can cause itching.

Ingestion: No specific symptoms noted.

Other Health Effects**:** No other information noted.

Environmental hazards: Not regarded as dangerous for the environment.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

Chemical characterization

General information: Mixture of Ceramic fiber cotton（13%）、Polyurethane thickener（2%）、glycerol（9%）、Water（76%）.

Chemical name	Concentration	CAS NO.	EC No.	REACH Registration No.	Notes
Ceramic fiber cotton	≤13%	-	-	-	-

SECTION 4: First aid measures

After inhalation: Not applicable

After contact with skin:

Remove contaminated clothing and shoes. Wash with soap and water.If you feel unwell, seek medical attention.

After contact with eyes:

In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

After ingestion:

Not applicable.

Most important symptoms and effects, both acute and delayed:

None known.

Indication of any immediate medical attention and special treatment needed:

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: Firefighting measures

Suitable extinguishing media

No special requirements, regular extinguishing agents are sufficient.

Advice for firefighters Special Fire Fighting Procedures

Water spray should be used to cool containers.

Isolate the accident site and prohibit uninvolved persons from entering.

Special protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Operators wear gloves to collect and dispose of leaked product.

Environmental precautions

Collect spillage. Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Collect spilled Firing Paste in rubbish bags and clean contaminated floors and remaining objects with an appropriate solvent. Containers from which spilled material has been collected must be labelled with the correct contents and hazard symbols.

SECTION 7: Handling and storage

Precautions for safe handling

Operators should be specially trained and strictly follow operating procedures.

Avoid eye and skin contact.

Handling should be light to prevent damage to packaging and containers.

Conditions for safe storage, including any incompatibilities

Store in a cool, ventilated warehouse. Temperature 5°C - 25°C.

Keep container sealed.

Keep away from fire and heat sources.

Protect from rain.

SECTION 8: Exposure controls/personal protection

Occupational exposure limits

This product will not come into direct contact with practitioners under normal conditions of use and is not expected to pose a health hazard.

Individual protective equipment

General information: Wear gloves during use.

Eye/face protection: Not applicable

Hand protection: Wear gloves during use.

Other:In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory Protection: No specific precautions.

Hygiene measures: Provide eyewash station and safety shower.

Environmental Controls: No data available.

SECTION 9: Physical and chemical properties

Appearance

Physical State:	Paste
Form:	No data available.
Color:	White
Odor:	Odorless.
pH:	Not applicable
Melting Point:	No data available.
Boiling Point:	No data available.
Flash Point:	No data available
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)–:	No data available.
Flammability Limit - Lower (%)–:	No data available.
Vapor pressure:	< 0.1 hPa (20 °C)
Vapor density (air=1):	No data available.
Relative density:	1.6g/cm^3（20℃）
Solubility in Water:	Organic matter is soluble in water, Ceramic fiber cotton is insoluble
Solubility (other):	No data available..
Common organic solvents.:	No data available..
Aromatic hydrocarbons.:	No data available..
Aliphatic hydrocarbons.:	No data available..
Acetone.:	No data available..
Ethanol.:	No data available..
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.

Oxidizing properties: According to the data on the components Not considered as oxidizing.

(evaluation by structure-activity relationship)

SECTION 10: Stability and reactivity

Reactivity: Not relevant.
Chemical stability: Stable
Possibility of hazardous reactions: No data available.
Conditions to avoid: High temperature, humidity.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Thermal decomposition or combustion can release carbon oxides and water vapor.

SECTION 11: Toxicological information

Main components of the product: Ceramic fiber wool, polyurethane thickener, glycerin, water
Acute toxicity: No effects expected (assessment based on ingredients).
Skin corrosion/irritation: No effects expected (assessment based on ingredients)
Irritation and corrosivity： No effects expected (assessment based on ingredients)
Germ cell mutagenicity: No effects expected (assessment based on ingredients).
Carcinogenicity: No effects expected (assessment based on ingredients).
Reproductive toxicity: No effects expected (assessment based on ingredients).
Specific target organ toxicity - single exposure: No effects expected (assessment based on ingredients).
Specific target organ toxicity - repeated exposure: No effects expected (assessment based on ingredients).
Aspiration hazard: No effects expected (assessment based on ingredients).
Other adverse effects: None known.

SECTION 12: Ecological information

Ecological Toxicity： No effects expected (assessment based on ingredients).
Persistence and degradability： Not applicable

Bioaccumulation potential: No date available

Further information

If the material causes hormonal effects or prevents them is unknown to us.

SECTION 13: Disposal considerations

Waste treatment methods:

Recycle to the extent possible or dispose of in accordance with solid waste disposal methods.

Do not dispose of this product by discharging it into a sewer.

Dispose of the waste in an appropriate treatment method and facility in accordance with applicable laws and regulations and the characteristics of the product being handled.

Contaminated packaging

Dispose of the product in accordance with applicable laws and regulations and the characteristics of the

product to be handled, using appropriate treatment methods and equipmentl.

Disposal Methods

Remind users of possible local regulations regarding waste disposal.

SECTION 14: Transport information

Packaging category:

Packaging mark:  ——怕晒  ——怕雨

Packaging method: Inner packing: aluminum foil bag; outer packing: corrugated box

Marine pollutants (Yes/No): No.

Precautions for transportation:

It should be protected from direct sunlight, rain and high temperature during transportation.

It should be kept away from fire, heat source and high temperature area when stopping in transit.

Strictly prohibit mixing with oxidizing agent.

SECTION 15: Regulatory information

National regulatory information

Chemical safety assessment:No data available

SECTION 16: Other information

No further technical information

The present data sheet contains technical-scientific information processed at best of our knowledge. We recommend verifying national and regional regulations applicable to the specific utilize field as well as regulations relative hygienic and safety on work and environment worship.

All information contained in the present data sheet is correct and processed in good faith. However they do not involve any obligation, guarantee and patent concession.

The characteristics mentioned in the following document do not constitute contractual specifications.