

Section 1: Identification

Product Identifier

Product Name Centri Peg Refractory Material

Product Code 44IPEG, 44IPGW

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

Recommended use Used by dental professionals as heat shield and for creating holding fixtures

Details of the supplier of the safety data sheet

Supplier whw plastics Ltd

Therm Road, Cleveland Street Hull, East Yorkshire, England www.whwplastics.com • sales@whwplastics.com.com

Telephone (General) +44 (0)1482 329154

Emergency telephone number

Hazmat Services Inc (24 hour) 800-373-7542 (USA)

484-951-2432 (International)

Section 2: Hazard Identification

Classification of the substance or mixture

• Material is not classified as a hazardous substance or mixture.

Label elements • This product is not subject to identification regulations.

Other information • Observe normal safety regulations and precautions when handling chemicals.

• Mechanical processing of dried material may result in the release of minimal amounts of lightweight fragments and/or dust. Inhalation of excessive amounts

of dust may cause mechanical irritation to the respiratory tract.

Section 3. Composition/Information on Ingredients

Chemical characterization • Mixture

Description • Mixture of water and non-hazardous substances

Hazardous Components • Product contains no hazardous components in reportable quantities under current

regulations.

Section 4. First-Aid Measures

Description of first-aid measures

Inhalation • Move to fresh air. Seek medical attention if problems persist.

Skin • Wash with water and soap. Seek medical attention if irritation persists.

Flush eyes with water for at least 15 minutes. Seek medical attention if problems

persist.

Ingestion • Rinse out mouth with water. Never give anything by mouth to unconscious

person. Seek medical attention if problems persist.

Most important symptoms and effects, both acute and delayed

• No data available

Indication of any immediate medical attention and special treatment needed

· No data available

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing media • The product itself will not support combustion. In a sustained fire use an

extinguisher appropriate for surrounding area.

Unsuitable extinguishing media • None known

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Special hazards arising from the substance or mixture

• Sizing or binders may decompose in a sustained fire releasing minor

quantities of decomposition products.

Advice for firefighters • Fire fighters should wear complete protective clothing including self-

contained breathing apparatus.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

• Wear gloves, goggles and suitable protective clothing.

Environmental precautions

Avoid run off to waterways and sewers

Methods and material for containment and cleaning up

Containment/Clean-up measures

• Pick up material mechanically and place in suitable container for

disposal as required by local regulations.

• Material is not a hazardous waste.

Reference to other sections

No data available

Section 7. Handling and Storage

Precautions for safe handling

Handling

Handling of dried product can be a source of dust emissions and therefore the processes should be designed to limit to the amount of handling and/or handling should be carried out under controlled conditions.
For personal comfort avoiding excessive contact with skin and using good

personal hygiene procedures is recommended.

Information about protection against explosion and fires

· No special requirements

Condition for safe storage, including any incompatibilities

Technical measures and storage conditions

• Store at normal room temperatures and do not expose to extreme hot or cold temperatures to avoid risk of solidification.

Protect from heat and direct sunlight.

Information about common storage area

Additional storage information

• No special requirements

No data available

Section 8. Exposure Controls/Personal Protection

Control parameters

Occupational Exposure Limit Values (as respirable dust)

Nuisance dusts

OSHA-PEL • 5 mg/m³ (TWA)

Note Handling of dried material may generate respirable dust. If product is handled in such a way that inhalation of the material is possible, hygiene

handled in such a way that inhalation of the material is possible, hygiene practices should be utilized to ensure that exposure to respirable particles

is within the regulated limits.

Exposure Controls

Engineering measures/controls • Local ventilation should be designed and installed to keep exposure to

respirable dust below exposure limits.

Personal Protective Equipment

Respiratory

Eye/Face

Hands

Skin/Body

• In case of insufficient ventilation, wear suitable respiratory equipment.

• Wear safety glasses

• Wear appropriate gloves

• Lightweight protective clothing

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General industrial hygiene

considerations

Environmental exposure controls

· Wash hands before breaks and at the end of work

No data available

Section 9. Physical and Chemical Properties

Appearance/Description	White or blue gel		
Odor	Odorless	Odor Threshold	No data available
рН	No data available	Specific Gravity	1.7
Melting Point/Range	No data available	Boiling Point/Range	No data available
Water Solubility	Soluble	Viscosity	No data available
Partition coefficient: n-	No data available	Decomposition Temperature	No data available
octanol/water			
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	Explosive Properties	Product is not explosive
Flammability (solid, gas)	Product is not flammable		
Flash Point	No data available	UEL	No data available
Auto-ignition Temperature	No data available	LEL	No data available

Section 10. Stability and Reactivity

Reactivity

Chemical Stability

Possibility of hazardous reactions

Conditions to avoid Incompatible materials

Hazardous decomposition products

No hazardous reactions known

Stable at normal temperatures

· No hazardous reactions known

· Excess heat or freezing

• No data available

• Binders may decompose in a fire and decomposition products may include carbon monoxide, carbon dioxide, other hydrocarbons and water.

Section 11. Toxicological Information

Information on toxicological effects

Likely routes of exposure

Acute/potential health effects

Inhalation

• Eyes, Ingestion, skin contact, inhalation (dried material)

• When dried material may release dust and inhalation of dust may result in

irritation of the upper respiratory tract (mouth, nose, throat)

Skin • Skin contact may produce itching and temporary mechanical irritation

Eyes • Eye contact with fibers and dusts may produce temporary mechanical irritation Ingestion

· May cause temporary mechanical irritation of digestive tract, nausea, vomiting

and diarrhea.

Sensitizing effects · No data available Acute toxicity data No data available

Delayed and immediate effects as well as chronic effects from short and long term exposure

No data available

Carcinogenicity • IARC, NTP or OSHA identifies no component of this product that is present at

levels greater than or equal to 0.1% as a human carcinogen.

Section 12. Ecological Information

Ecotoxicity No data available Persistence and degradability · No data available Bioaccumulative potential • No data available Mobility in soil No data available

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Other information

• Do not discharge product unmonitored into environment

Section 13. Disposal Considerations

Waste treatment methods

Recommendation

Contaminated packaging

Other

• Dispose of in accordance with all local, state and federal regulations.

• Dispose of in accordance with all local, state and federal regulations.

Waste is not hazardous as defined by RCRA (40 CFR)

Section 14. Transport Information

Land Transport

UN number
UN proper shipping name
Transport hazard classes

Note

Marine Transport

UN number UN proper shipping name Transport hazard classes

Marine pollutant

Note

Air Transport

UN/ID number UN proper shipping name Transport hazard classes

Note

Not applicable

Not applicable

· Not applicable

• Product is not dangerous according to regulations

Not applicableNot applicableNot applicable

• No

Product is not dangerous according to regulations

Not applicableNot applicableNot applicable

Product is not dangerous according to regulations

Section 15. Regulatory Information

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

OSHA Hazardous Communications Standard (29CFR 1910.1200)

SARA Hazard Categories

TSCA

CERCLA

US - SARA - Section 313 California Prop 65 • This product is not considered hazardous

No data available

• This product contains materials listed in the TSCA inventory or otherwise complies with TSCA requirements.

No reportable ingredients

· No reportable ingredients

 This product contains no chemicals known by the state of California to cause cancer or birth defects.

Section 16. Other Information

Last Revision Date

• New SDS

Preparation Date

• 03/01/2015

Disclaimer

This document has been prepared using data from current manufacturer's SDS's of the component parts of the product and from other sources considered to be technically reliable. This document is not meant to be an all-inclusive document on worldwide hazard communication regulations and shall be used only as a guide. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment, in addition to complying with all Federal, State, Provincial and Local laws and regulations. The information contained in this SDS is furnished without warranty, expressed or implied, regarding the accuracy or results obtained from the use thereof. Vacalon assumes no legal responsibility for the use or reliance upon the data in this sheet. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information or the misuse of the product.