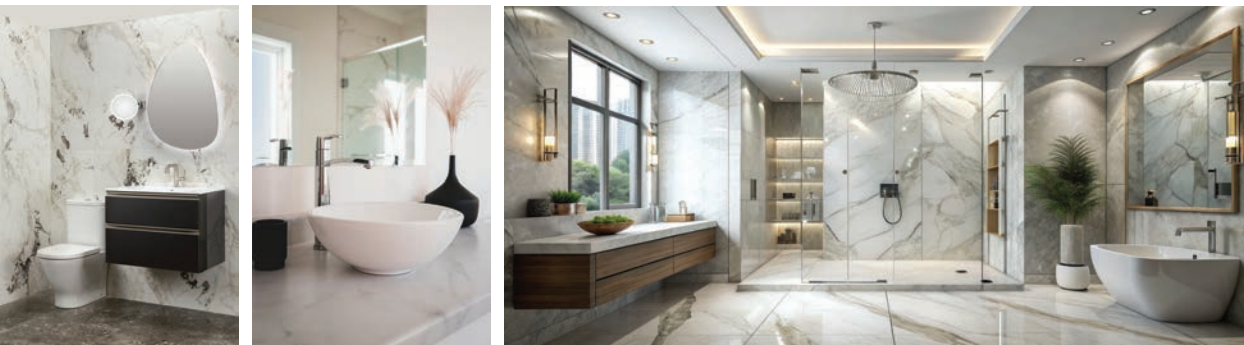


**Kimberlite<sup>®</sup>**

*Value Proposition of Efficient Chemical Working*



# Additives for Ceramic Industry



**Kimberlite** provides a comprehensive portfolio of high performance ceramic additives. These are specially designed to enhance the performance during the production.

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At Kimberlite, we believe every customer is unique, hence we are committed to providing personalized solutions that meet your individual needs and preferences. Whether you are looking to improve product quality, increase efficiency, or reduce costs, we are here to help you achieve your goals.

### Products

**Dispersant (Body & Glaze)**

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**Binders (Body & Glaze)**

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# Dispersants

## In Body Operations

It is designed to enhance the dispersion of solid particles within body formulations, resulting in improved rheological properties, reduced viscosity, and maintained stability for a longer time. This process helps to reduce the body's viscosity, allowing for smoother application better than STPP.

## In Glaze Operations

In formulation our dispersants are used to disperse the solid particles more evenly throughout the liquid medium. This process helps to reduce the glaze's viscosity, allowing for smoother application better than STPP.

## Advantages

- Energy saving by reducing the grinding time
- Reduction in water consumption
- Reduction in spray drier fuel cost
- Increase in slip density, thus increased spray drier output
- Free flow of slip in pipe without any blockages
- Eco friendly products





# Binders

## In Body Operations

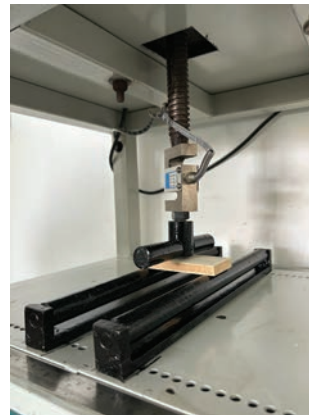
A High-Performance liquid binder specifically designed to improve the mechanical strength of green ceramic bodies so they can pass through the production process easily before firing without breakage.

## In Glaze Operations

Formulation to ensure strong adhesion to the ceramic surface, preventing the glaze from chipping, flaking, or delaminating over time. Binders aid in suspending the solid particles (e.g., oxides, frits, pigments) in the glaze mixture, preventing them from settling at the bottom of the container.

## Advantages

- Prevents green and dry tile rejection
- Prevents glaze cracks and glaze peeling on edges
- Enhance and improve the strength of green and dry tile
- Tiles are free from black core
- A complete replacement option over SLS



# Research & Development

- We have a well equipped R&D, Quality Control and Ceramic Lab.
- We are continuously working on new Product Developments & Product Innovations.
- We have an excellent team of 16 Postgraduates and a Post Doctorate.





# Industries We Serve

- Water Treatment
- Paint & Coating
- Ceramics
- Sugar
- Membrane Treatment
- Pulp & Paper
- Mining
- Leather
- Oil & Gas



## Our Credentials

- ISO 9001-2015 CERTIFIED
- NSF 60
- FDA
- Kosher
- Halal



# Our Reach

Kimberlite Products are sold in over 42 countries



# Our Achievements







**Kimberlite®** Chemicals India Private Limited

Corporate Office: Bangalore | Warehouse: Morbi, Gujarat | Manufacturing Units: Doddaballapur & Malur, Karnataka

Overseas Office & Warehouse: Perth, Australia

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