

BOND1NE[®]
EPOXY ADHESIVES



STONE CARE



BONDS TOGETHER FOREVER

HINDUSTHAN SPECIALITY CHEMICALS LIMITED (HSCL)

HSCL is a part of The Hindusthan Group having interests in manufacturing and marketing of epoxy and allied products. HSCL started operations in July' 2015 for manufacturing of epoxy and other allied products in Bharuch, Gujarat. It intends to provide complete solutions to customers with technologically advanced materials through innovation and its principles of sustainability. HSCL's products will find application in civil, construction, coatings, electrical & electronics, composites, laminations, adhesives, tooling and other niche end-use segments.

We are committed to serve quality products to our clients. Our quality lab is equipped with world class instruments which can help us to achieve excellence in both incoming raw materials and outgoing value added products. Our quality team is composed of highly qualified chemists who know the right basics and are competent to test the products for their right application. We value our team and train them for the new technologies that can help achieving results quickly and with great reliability.

HSCL believes in innovation and value added research. We have invested in valuable assets both trained technologists and highly sophisticated instruments. HSCL Research & Development facilities will take care of value-added application tests, our dedicated step in this direction will enable our customers to know the performance of their product in the exhaustive working environments. HSCL aims planned continual growth by its dedicated efforts towards research & development.

VISION

To become a globally recognised manufacturer of Epoxy Resins & Speciality Chemicals by delivering enhanced value for all our stake-holders through best-in-class technology, innovation & differentiated products & services.



MISSION

To invest in sustainable, innovative technologies and operational excellence to deliver growth in strategically targeted markets together with exceptional customer service.



Our state-of-the-art manufacturing unit
Jhagadia, Bharuch in Gujarat



Customer Focus

Our actions are driven by customer insights that help them to create value.



Innovation

We develop new products by relentlessly pursuing "Why & What If". We strive to closely understand customer needs & market insights to create competitive advantage.



Collaboration

Working together, both internally and externally, to create better solutions.



Transparency & Integrity

We demonstrate high degree of transparency and integrity by taking full responsibility of our actions. We are trustworthy in our transparent and ethical manner.



Excellence

We strive to achieve excellence in everything we do through shared knowledge, personal development, continuous improvement, safety and best-in-class execution.



BONDONE[®] SUPER CRYSTAL CLEAR

BondOne Super Crystal Clear is two component low viscous, modified epoxy adhesive system.



Applications

- Stone casting
- Decorative art designs

Features - Benefits

- Slow reactivity
- Superior gloss
- Oven curing at <50°C

Mixing ratio by weight (R:H)	Pot life at 25°C 100 gm mass (Min)
100:30	340

Coverage (sq. ft.)

NA

SKUs | Packaging Units

1.3 kg	6.5 kg	39 kg	143 kg
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Mix Viscosity (mPas) at 25°C

300

Drying time (min)

Surface dry	Touch dry	Hard dry
-	-	-

Shelf life

24 Months

Method of application



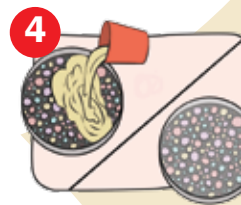
Make sure that mould to be used for casting is clean and dust free.



Apply mould release agent on entire inner surface of mould or use mould release sheet.



Mix resin and hardener in ratio 100:30, mix thoroughly and avoid any bubble or streak formation.



Pour into mould, moulding can be achieved by gravity or using vacuum.



Mix and pour small quantity as epoxy tend to give exotherm. Only 8-10 mm pouring at a time, this can be repeated to get desired thickness. Gap of 8 - 10 hours or 24 hours is recommended between two pouring. This is applicable for pouring at 20°C and in dust free atmosphere.



Allow to dry for 24 hours for optimum results.



BONDONE[®] CLEAR CAST

BondOne Clear Cast is two component modified epoxy casting system.



Applications

- Table top casting
- Casting of decorative items
- Handicrafts

Features - Benefits

- Glass like transparent casting
- High gloss finish
- Long pot life

Mixing ratio by weight (R:H)	Pot life at 25°C 100 gm mass (Min)	Bond Strength (kg/cm²) at 25°C after 24 hrs.
90:30	300 - 370	-

Coverage | DFT (sq. ft. | microns)

Will vary based on thickness

SKUs | Packaging Units

4 kg	12 kg	40 kg	200 kg
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Mix Viscosity (mPas) at 25°C

500 - 800

Drying time (min)

Surface dry	Touch dry	Hard dry
-	-	-

Shelf life

24 Months

Method of application



Make sure that mould to be used for casting is clean and dust free.



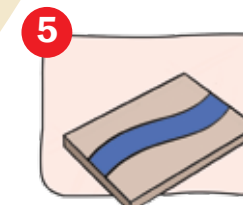
Mix resin and hardener in ratio 90:30, mixture thoroughly and avoid any bubble or streak formation.



Apply release agent to mould.



Mix and pour small quantity as epoxy tend to give exotherm, only 8-10 mm pouring at a time this can be repeated to get desired thickness, gap of 8 - 10 hours or 24 hours is recommended between two pourings. This is applicable for pouring at 20°C and dust free atmosphere.



Allow to dry for 24 hours for optimum results.



BOND1ONE[®] STONO 101

BondOne Stono 101 is a two component modified epoxy system for treatment of Italian marble and granite.

Applications

- Filling and coating of Italian marble and granite
- Stone casting

Features - Benefits

- High penetration and high gloss
- Enhances natural color of stones
- Can be pigmented
- Low shrinkage
- Chemical resistance

Mixing ratio by weight (R:H)	Pot life at 25°C 100 gm mass (Min)	Bond Strength (kg/cm ²) at 25°C after 24 hrs.
100:25	45 - 65	-

Coverage | DFT (sq. ft. | microns)

NA

SKUs | Packaging Units

1.25 kg	5 kg	10 kg	250 kg
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Mix Viscosity (mPas) at 25°C

200 - 300

Drying time (min)

Surface dry at 42°C	Touch dry at 42°C	Hard dry at 25°C
100 - 120	170 - 190	480 - 540

Shelf life

12 Months



Method of application



Clean marble thoroughly to make it dust, oil, grease free. Wipe off the surface with clean cloth.



Mix resin and hardener in ratio 100:25.



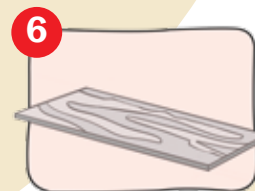
Apply over cracks and pinholes.



Allow to dry for 8-10 hours.



Excess material can be removed by grinding.



Polishing can be done after 24-30 hours.



BOND1ONE[®] STONO 102

BondOne Stono 102 is two component low viscosity, modified epoxy coating system.

Applications

- Marble, granite crack filling and coating specially Indian marbles

Features - Benefits

- High gloss
- High penetration
- Water and chemical resistant

Mixing ratio by weight (R:H)	Pot life at 25°C 100 gm mass (Min)	Bond Strength (kg/cm ²) at 25°C after 24 hrs.
100:50	60 - 80	-

Coverage | DFT (sq. ft. | microns)

NA

SKUs | Packaging Units

1.5 kg	7.5 kg	45 kg
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Mix Viscosity (mPas) at 25°C

50 - 100

Drying time (min) at 42°C

Surface dry	Touch dry	Hard dry
70 - 80	110 - 130	160 - 180

Shelf life

12 Months



Method of application



Clean marble thoroughly to make it dust, oil, grease free. Wipe off the surface with clean cloth.



Mix resin and hardener in ratio 100:50.



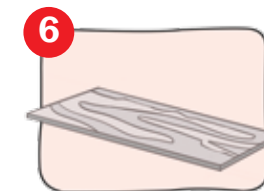
Apply over cracks and pinholes.



Allow to dry for 8-10 hours.



Excess material can be removed by grinding.



Polishing can be done after 24-30 hours.



Notes

- Filling and coating of soft Italian marble and Indian granite

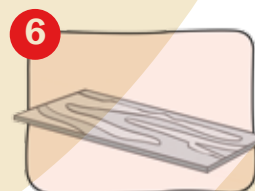
- Excellent hardness
- High gloss and clarity
- Thermostable

SKUs | Packaging Units

Method of application



Mix resin and hardener in ratio 100:10 and apply over cracks and pinholes.



Polishing can be done after 24-30 hours.

Drying time (min) at 35°C

Shelf life
24 Month

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Contributing to the development of the Indian economy for more than 6 decades, we are a multi – discipline, multi – location, well diversified industrial conglomerate involved in core sector areas like Engineering, Electricals, Chemicals, Agro Based products, Renewable Energy & Education. We are powered by an able and dynamic team of committed professionals and a vast pool of skilled manpower. Equipped with state-of- art technology, we have industrial units and offices spread across various locations of the country & our team strength has been growing over the years. Continuously seeking initiatives for diversification, expansion and optimization translating into new products and innovations; we have catapulted ourselves into the frontiers of technology in each area of our activities through strategic alliances and mutual partnerships with global leaders and thrusting a major focus on research development and human resources. With such a long and strong history behind us, we have a remarkable foothold in government sectors and overseas market.



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