

Material Safety Data Sheet

Krystal® Bind CS-5

Part 1: CHEMICAL NAME AND CORPORATE IDENTITY

Chemical Name:	Krystal® Bind CS-5
Alternate Name:	None
Company Name:	B. T. Sports Pte Ltd
Address:	No.41 Gul Drive, Singapore
Postal:	629489
E-Mail:	sales@btsports.com.sg
Fax:	+65-6897-8281
Hot-line:	+65-6897-8283
Date Revised:	15/01/2019

Part 2: COMPOSITION AND INFORMATION

Composition	Content	CAS No.
Acrylic Resin	28.3%	None
Silia Sand	20%	None
Water	51.7%	None

Part 3: RISK OVERVIEW

Risk Category:	None
Hazards Through:	Contact; Skin Absorbtion
Hazardous to Health:	Mild irritation to Skin; Mucous membranes
Hazards to Environment:	Paint pollutes the water environment and water resources
Flammability:	Non-flammable

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Part 4: EMERGENCY RESPONSE

Contact to Skin:	Remove the affected clothing, wash thoroughly with soap and water
Contact to Eyes:	Lift the eyelids, rinse with clear water and saline solution. Seek medical attention
Inhalation:	Leave the scene immediately for fresh air. Keep respiratory tract clear. If difficulty in breathing, use oxygen-aids. Perform Cardiopulmonary Resuscitation immediately if breathing stops. Seek medical advice.
Ingestion:	Drink sufficient water, vomit out, and seek medical attention

Part 5: FIRE FIGHTING MEASURES

Hazards:	High flash point, not flammable
Hazardous Combustion Products:	None
Fire Fighting Measures and Media:	Not flammable

Part 6: EMERGENCY MEASURES WHEN LEAKAGE

Emergency Measures:	Cut off the source of leakage, clean with sand, prevent spillage to sewage and drains
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Part 7: HANDLING AND STORAGE

Operation Note:	Operators must be trained and strictly abide by the rules. Suggest to wear respirator mask, chemical protective glass, wear rubber gloves resistant to oil. When cleaning, waste water must be treated before dispose.
Storage:	Store in cool and well ventilated rooms

Part 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Professional Contact Limit:	Not available
China MAC(mg/m3):	Not available
TLVTN:	Not available
TLVWN:	Not available
Testing Method:	None
Engineering Control:	Enhance ventilation during production

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Respiratory Protection:	Wear toxic filter respirator/mask. During emergency and evacuation, wear respiratory or oxygen mask.
Eye Protection:	Wear eye protection chemical mask
Body Protection:	Wear toxic-proof overalls
Hand Protection:	Impermeable rubber gloves
Other Measures:	No smoking, eat or drink at workplace. Wash after operation and maintain good hygiene practice

Part 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Viscous fluids
pH:	7.5-9.0
Melting Point (°C):	Not applicable
Boiling Point (°C):	Not applicable
Relative Density:	1.20
Relative Vapor Density:	None
Spirit/Water Coefficient:	None
Flash Point (°C):	>98°C
Flammability Limit (°C):	None
Explosion Upper Limit %(V/V):	None
Explosion Lower Limit %(V/V):	None
Solubility:	Soluble in water
Main Usage:	Coating on floors
Other Physical and Chemical Properties:	None

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Content of VOC(%): 0

Viscosity(cps): 3000-4000

Evaporation Rate: Same as water

Erosive: None

Radiation: None

Part 10: STABILITY AND REACTIVITY

Stability: The product is stable under shield life storage condition

Prohibit Mix: Strong Oxidizers

Avoid Contact: None

Hazardous Polymerization: Will not happen

Decomposition of Product: Combustion produces Carbon Dioxide and Water

Part 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not available

Irritation: Not available

Part 12: ECOLOGICAL INFORMATION

Eco-toxicity: Not available

Biodegradability: Polymer is non-biodegradable

Non-Biodegradability: Slow hydrolysis and photolysis process in the long term

Part 13: DISPOSAL CONSIDERATION

Nature of Waste: Pollutes water

Disposal Method: Recycle or incinerate or any other disposal method in accordance to the environmental regulations.

Disposal Consideration: Face mask must be used if disposed through incineration

Part 14: TRANSPORT INFORMATION

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Hazard Class No.:	Not available
UN No.:	Not available
Packing Label:	
Packing Group:	
Packing Method:	Plastic barrels, iron barrels or paper drums with inner plastic coverings
Transport Information:	In accordance with normal non-dangerous goods transport
Part 15: REGULATORY INFORMATION	
Regulation:	NIL.
Part 16: OTHER INFORMATION	
Form Filled By:	Technical Department of B.T.Sports Pte Ltd
Other Information:	The information given here is to the best of our knowledge, true and accurate and is provided in good faith, for making safety assessments by the user. The use of product is not under control of the manufacturer. It is not a sales specification or an indication of suitability for particular use. The product is complied with the regulation for indoor renovation material under toxic chemical substances.