

Safety Data Sheet
CHEMTEX BIOBUBBLE COAT 90D

chemtex

Section 1.



Chemical Product and Company Identification

In case of any emergency, contact
 Poison Control Center
1800-116-117

Product Name	CHEMTEX BIOBUBBLE COAT 90D		
Product Description	Quaternary Silane based Retentive Anti-Microbial Coating		
Manufacturer's Name	Chemtex Speciality Limited	Supplier's Name	Chemtex Speciality Limited
Address	Haute Street Corporate Park 86A Topsia Road (S), Kolkata 700046	Address	Haute Street Corporate Park 86A Topsia Road (S), Kolkata 700046
Contact Information	Ph: +91-33-7111-1111	Contact Information	Ph: +91-33-7111-1111
Email	info@chemtexltd.com	Email	info@chemtexltd.com
SDS Prepared	24/4/2020	SDS Revised	N/A
Emergency Contact	No. +91-33-7111-1111	Mail: info@chemtexltd.com	

Section 2.

Hazard Identification

Route of Entry	Skin, Eye Contact, Ingestion				
OSHA Hazard Status	Not Regulated				
Class	Pictogram (if available)	Hazard	Category	Hazard Statement	P codes
GHS07: Warning - Toxic Category 2 - 3		H302	Cat. 4	Harmful if swallowed;	264, 270, 280, 302, 352, 321, 301+312, 332+313, 362, 330
GHS08: Danger Warning - Health Hazards		H373	Cat. 2	May cause damage to organs through prolonged or repeated exposure	260, 314, 501

P codes

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment
P301+312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P302+352	IF ON SKIN: Wash with plenty of water
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P332+313	If skin irritation occurs: Get medical advice/attention.
P337+313	If eye irritation persists get medical advice/attention.
P362+364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3.

Composition/ Information on Ingredients

Ingredients	CAS No.	% by wt.
Trimethoxysilyl Quaternary Ammonium Chloride	N/A	0.5 - 2.0
Stabilizers and Inert Ingredients	N/A	Q.S.

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Section 4.
First Aid Measures

Eyes	Rinse with water for some time. Remove contact lenses, if present. Obtain medical attention if pain, blinking or redness persists.
Skin	Remove all contaminated clothing. Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if required. Wash contaminated clothing before reuse
Ingestion	Do NOT induce vomiting unless directed by any medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Inhalation	Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY. IF EXPOSED, CALL POISON CONTROL CENTER/DOCTOR/PHYSICIAN.

Section 5.
Fire Fighting Measures

Flammable	No		
Flash Point	N/A		
Flammability Point (% by volume)			
Lower	N/A	Upper	N/A
Autoignition Temperature		N/A	
Extinguishing Media		Dry chemical powder, CO2, water spray or fog or alcohol resistant foam. Do not use direct water stream.	
Fire Fighting Instructions		Fight fire from a safe distance. Consider the use of unmanned hose holders or monitor nozzles. Move out all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Self Contained Breathing Apparatus should be used by all fire fighting personnel.	
Fire & Explosion Data		N/A	
Special Hazards		Oxides of Carbon.	

NFPA Symbol and Label

Health	1
Flamability	0
Reactivity	1
Special Notice	

<u>Hazard Rating</u>
4. Extreme
3. Serious
2. Moderate
1. Minimal
0. Slight

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Section 6.
Accidental Release Measures

Small Spill	Absorb material with appropriate material, such as clay or diatomaceous earth. Ventilate contaminated area. Avoid run off into drains or sewers.
Large Spill	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Section 7.
Handling Measures & Storage

Handling	Keep container dry and tightly closed in a cool, well ventilated area. Separate from acids, alkalis, reducing agents and combustibles. Keep away from heat and other sources of ignition. Do not ingest. Do not breathe gas/fumes/vapor/spray. Avoid contact with skin and eyes.
Storage	Keep container tightly closed and well labeled. Keep container in a cool, well-ventilated area away from water source or moisture.

Section 8.
Exposure Controls & Personal Protection

Exposure Limits	N/A
Specific Engineering Controls	N/A

Personal Protective Equipment

HMIS	PPE	Pictograms
X	Ask Supervisor/ SOP/ Specialist for Handling Instructions	

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Section 9.
Physico-Chemical Data

Form	Clear Liquid
Appearance	Colorless to Pale
Odor	N/A
pH (1% Solution)	5.0 - 8.0
Specific Gravity	1.0 ± 0.1
Solubility	Completely soluble in water

Additional Physico-chemical Data

Ionic Charge	Cationic
Boiling Point	N/A
Melting Point	N/A

Section 10.
Stability and Reactivity

Chemical Stability	Stable under normal conditions
Hazardous Polymerization	Will not occur under normal conditions
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources, Incompatibles, Combustibles, Direct Sunlight
Incompatibility	Moisture, Oxidizing Agents, Acids, Alkalis
Corrosivity	N/A
Special Remarks	N/A

Section 11.
Toxicological Information

Product	Oral LD50 (Rat) [mg/kg]	Dermal LD50 (Rabbit) [mg/kg]	Inhalation LC50 (Rat) [mg/L]
CHEMTEX BIOBUBBLE COAT 90D	> 5000	>2000	>2.0 mg/L (1 hr.)

Carcinogenicity	N/A
Teratogenicity	N/A
Mutagenicity	N/A

Section 12.
Ecological Information

BOD	N/A
COD	N/A
Biodegradation	Biodegradable
Eco-toxicity	N/A
Marine Pollutant	N/A

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Section 13.
Disposal Considerations

RCRA Status	N/A
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14.
Transport Information

DOT Classification	Class
	Not Regulated

Classification for Air Transport (IATA/ICAO)

Proper Shipping Name	Not Regulated
UN No.	Not Regulated
Packing Group	Not Regulated

Classification for Sea Transport (IMO/IMDG)

Proper Shipping Name	Not Regulated
UN No.	Not Regulated
Packing Group	Not Regulated

Classification for Road Transport (ADR/RID)

Proper Shipping Name	Not Regulated
UN No.	Not Regulated
Packing Group	Not Regulated

Section 15.
Regulatory Information

OSHA Hazard Status	Not Regulated
HSN	38089400

Section 16.
Other Information

SDS Creation 24/4/2020 SDS Revision N/A

Abbreviations

N/A	Not Applicable
LEL	Lower Explosion Limit
UEL	Upper Explosion Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
LD50	Lethal Dose Concentration that kills 50% dosed group
LC50	Lethal Concentration that kills 50% of dosed group
PPM	Parts Per Million
LSL	Lower Specification Limit
USL	Upper Specification Limit

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