

Major Product Category: Pest repellent products
Product Category: Anti-rodent, anti- animal, anti-insect pest repellent

Sr. No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
	Form		Masterbatch	Liquid concentrate	Lacquer	Spray						
Requirements												
1	Thermal stability of active ingredients	EN	Upto 1400 degree celsius for Masterbatch	200 degree celsius for Liquid concentrate	200 degree celsius for Lacquer	200 degree celsius for Spray			√	√		
2	Product stability at NTP	Ch	Stable						√			
3	Toxicity Overview	Ch	Extremely low						√			
4	Hazard effects	Ch	Extremely low						√			
5	Compatibility	Ch	Compatible with all types of polymer	Compatible with all types of paints and solvents	Compatible with most of the surfaces				√	√		
6	Appearance	Ch	Transparent						√			
7	Color	Ch	Cream to Red	Yellowish to Red	Colorless to Red	Colorless to pale yellow			√	√		
8	Shelf Life	EN	1	2	3	4*		Years	√	√		

9	Flammability	Ch	Non- flammable	Propellent is flammable and the content is under pressure. Active ingredient is non-flammable for sprav					√	√		
10	Median Lethal Dose	EN	> 10000 mg/kg						√			
11	Median Lethal Concentration	EN	> 10000 mg/kg						√			
12	Presence of lead or any heavy metals	Ch	Absent						√			
13	Presence of bromine, chlorine, phthalate	Ch	Absent						√			
14	Presence of plasticizers	Ch	Absent						√			
15	Presence of Aldrin, Dieldrin, Lindane, Lead Naphthenate, Copper Naphthenate, Nonivamide, Naphthalene	Ch	Absent						√			
16	Solubilty in polar and non polar solvent	Ch	Soluble	NA					√	√		

17	Solubility with water based coating system	Ch	Soluble	NA					√	√		
18	Environmental impact	Ch	Eco-friendly						√			
19	Traces of solvent	Ch	Absent	Present for spray					√	√		
20	Application using brush and spray	Ch	Possible	NA					√	√		
21	Ultraviolet stability	Ch	Stable						√			
22	Release of Toxic fumes	Ch	No						√			
23	Fire Hazard	Ch	No	None, unless exposed to direct flame for spray					√	√		
24	Anti-corrosive	Ch	Yes	NA					√	√		
25	Water resistant	Ch	Yes	NA					√	√		
26	Friction resistant	Ch	Yes	NA					√	√		
27	Ph	Ch	Adjustable	NA					√	√		
28	Smoke emission	Ch	Very very low smoke emission	low smoke emission					√	√		
29	Coverage area	EN	NA	Same as paint used	Approximately 75-100 sq. ft. / litre/ single coat	Approximately 50 sq. ft. per 200 ml			√	√		
30	Interference with physical properties of base material	Ch	No						√			

31	Occurrence of leaching from object surface	Ch	No	NA					√	√		
32	Occurrence of hazardous polymeric reactions	Ch	No	NA					√	√		
33	Compliant with Biocidal Product Regulation EU 528/2012	Ch	Yes						√			
34	Compliant with European Union Directive 2002/95/EC	Ch	Yes						√			
35	Compliant with European Union Directive 2011/65/EU	Ch	Yes						√			
36	Compliant with Registration, Evaluation, Authorization and Restriction of Chemicals regulation	Ch	Yes						√			
37	Compliant with National Environment Agency Singapore	Ch	Yes						√			

38	Compliant with Australian Pesticides and Veterinary Medicines Authority	Ch	Yes						√			
39	Satisfies the conditions required by Federal Insecticide, Fungicide, and Rodenticide Act	Ch	Yes						√			
Packing												
40	Packing size (ml)	Text							√	√		
Marking												
41	As per relevant provisions for the products	Ch	Yes						√			
Certification												
42	Product is registered under the Drug and Cosmetic Rules, 1945	EN	Yes						√			
43	Certificate Number	Text							√			
44	Certificate Date	Text							√			
45	Drug Licence to Manufacture for sale	EN	Yes						√			

46	Drug licence Number	Text							√			
47	Drug licence Date	Text							√			
48	The product is approved from Drugs Controller General (India)	EN	Yes						√			
49	Approval Letter Number	Text							√			
50	Approval Letter Date	Text										
Test Report Details												
51	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					√	√		
52	Test Report to be submitted to the Buyer on Demand. Write NA if test report is not available	Ch	Yes	NA					√	√		

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