

Material Safety Data Sheet

1. Identification of the substance/preparation and of the company/undertaking

1.1 Name Of Product: LISCIO -CRACK FREE PAINTABLE
(For crack free surfaces) PLASTER

1.2 Variants Of The Product: LISCIO Bond, LISCIO-PRO , LISCIO-CFPP

1.3 Usage of the product: Used as joint filler and skim coat/ plaster
On dry walls and plastered walls

1.4 Name of Supplier of Safety Sheet : SQUARE 1 WORLDWIDE
LTD

Thane-400602

1.5 Emergency telephone nos : +91-9820135909 / 08422992119

2. Hazards identification

2.1 Long term exposure to material may cause very mild irritation to skin .

2.2 Emission of toxic fumes in packed /usage conditions is within permissible limits.

2.3 Sanding is not needed after application .Therefore fine particle inhalation is nil .

2.4 Can be easily washed off from skin using plain water .

2.5 PH value of material is maintained at slightly alkaline .Hence no Irritation
or Itching on hands.

3. Composition/information on ingredients

3.1 GLYCOLS 1%

3.2 MINERAL SIZE < 1000 MICRONS

3.3 POLYMER (50% SOLID) < 17%

3.4 PLASTICIZERS < 4%

4. First aid measures

4.1 MATERIAL IS NON HAZARDOUS IN NATURE.

4.2 IT IS NOT FLAMMABLE AND DOES NOT SUPPORT FIRE

4.3 MAY CAUSE VERY MILD IRRITATION OR ITCHING TO SENSITIVE SKIN. IN
SUCH A CASE THE AFFECTED AREA CAN BE CLEANED WITH WATER.

4.4 NO TOXIC FUMES OR FINE PARTICLES EMITTED FROM MATERIAL. HENCE
IS NOT KNOWN TO CAUSE COUGHING /SNEEZING ETC.

5. Fire-fighting measures

5.1 Although material not flammable, packaging materials like buckets, Cartoons, polythene used for packing and transportation of material Are flammable and have to be stored at a dry place to avoid any fire Hazards at site.

6. Accidental release measures

6.1 No known health hazards from material.

7. Handling and storage

7.1 Material can be handled with bare hands . Storage should be done in cool dry place .

7.2 Cartoons / Buckets may be stacked one on top of the other to a maximum height of 3 buckets /3 cartoons .

7.3 Material may be stored at room temperature. However it remains stable Between a wide range of temperatures. It has been tested for stability Between -6 degree to 55 degree centigrade.

7.4 For any partially used material, tie the mouth of the polythene containing Material, tightly. This material can be used up to 30 days.

7.5 If material is to left out in the open between working, sprinkle some water On top so that it does not dry.

7.6 In case of material leakage from polythene, it will get solidified on Prolonged exposure to atmospheric air.

8. Exposure controls / personal protection

8.1 No known health hazards from material.
So normal overalls / work Clothes will be sufficient.

9. Physical and chemical properties

Physical Properties of LISCIO- Crackfree Paintable Plaster	
<i>Appearance</i>	Paste form
<i>Odour</i>	Pleasant Smell
<i>Density</i>	2kg/litre.
<i>Colour</i>	Off-white , White and Light Colors
<i>Film Formation Time</i>	8-12 hours
<i>Wash ability</i>	Good - After 96 hours
<i>Thickness</i>	Up to 30 mm in multiple loading of 3-4 mm
<i>Co-efficient of Expansion</i>	Flexible between 0-50 degrees Celsius
<i>Grade</i>	Exterior Grade and can be used in the interiors as well.
<i>Solubility in water</i>	Is not soluble

Chemical Properties of LISCIO- Crackfree Paintable Plaster

<i>Glycols</i>	1%
<i>Minerals Size</i>	< 1,000 Microns
<i>Polymer (50% Solid)</i>	<17%
<i>Plasticizers</i>	<4%
<i>Shelf Life</i>	1 year
<i>Pot Life</i>	2 hours
<i>V.O.C. (Toxic)</i>	< 2% (Within permissible limits)
<i>V.O.C. (Non-Toxic)</i>	<21%
<i>pH Value</i>	7.1 to 7.5
<i>Solid Content</i>	60%
<i>Water Content</i>	<18%

10. Stability and reactivity

Thermal decomposition

No decomposition when used as directed.

Hazardous reactions

Polymerisation may occur in the process & natural drying forming substances

No aided polymerisation

Non-Hazardous decomposition products

11. Toxicological information

Acute oral toxicity :	LD50 > 2.000 mg/kg (rat)
Irritant effect on skin :	non-irritant
Irritant effect on eyes :	non-irritant
Sensitisation :	non-sensitising

12. Ecological information

12.1 Optimum utilization of natural resources.

12.2 No wastage of material during application

12.3 No sanding and hence no particulate pollution.

13. Disposal considerations

Product

Dispose of in accordance with local authority regulations

Uncleaned packaging

Consider recycling.

14. Transport information

Land : ADG	Not restricted
Land : NZS5433	Not restricted
Air : IATA	Not restricted
Sea : IMDG	Not restricted

15. Regulatory information

HSNO Approval Number: NA

Tracking: Not required

Approved Handler: Not required

Poison Schedule (SUSDP): None allocated

National Chemical Inventories

AICS : All components are listed on the Australian Inventory of Chemical Substances

NZIoC : All components are listed on the New Zealand Inventory of Chemicals

16. Other information

**REVISION INFORMATION: REVISION DATE: 1st April.2018 REVISION NO:
1 SUPERCEDES REVISION DATE OF PREVIOUS MSDS**

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Since the actual use of this product is beyond the control of Square1worldwide Pvt Ltd , we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications. .

17. DISPOSAL CONSIDERATIONS

17.1 Solidified material may be disposed off in landfills or in accordance With local or national authority requirements.

17.2 Disposal of packaging like polythene, cartoons , buckets has to be done in Accordance with local or national authority requirements.

18. APPLICATION AREAS

Utility / Usage Areas

Dry walls like FCB, CPB, and Calcium Silicate Board etc.

Gypsum Board , Block Board etc

Jointing and plastering of AAC Bricks

Joining two different mediums such as AAC Bricks and RCC , Block Board and Civil Structure , Gypsum Board and Civil Structure and Wood and Gypsum Board etc..

Plastering of RCC Walls without hacking and for removing the undulation on the surface.

Pasting of tiles on AAC , RCCC , and dry walls

Putty for the external plaster and internal plaster

Can be applied directly on P.O.P., Gypsum etc..

The information provided is true and actual to the best of our knowledge and No relevant information has been hidden.