

Khadi Prakritik Paint: India's first cow dung paint

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In news

The Union Minister for Ministry of Micro, Small & Medium Enterprises launched the Khadi Prakritik Paint recently

About Khadi Prakritik Paint

- It is an innovative new paint & India's first cow dung paint
- The eco-friendly, non-toxic paint, called "**Khadi Prakritik Paint**" is **a first-of-its-kind product, with anti-fungal, anti-bacterial properties.**
- Based on cow dung as its main ingredient, the paint is cost-effective and odorless, and has been certified by the Bureau of Indian Standards.
- It is developed by Khadi and Village Industries Commission
- Khadi Prakritik Paint is available in two forms – distemper paint and plastic emulsion paint. The project was conceptualized by Chairman KVIC in March 2020, and later developed by Kumarappa National Handmade Paper Institute, Jaipur (a KVIC unit).
- The paint is free from heavy metals like lead, mercury, chromium, arsenic, cadmium and others.
- Khadi Prakritik Emulsion paint meets BIS 15489:2013 standards; whereas Khadi Prakritik Distemper paint meets BIS 428:2013 standards.
- The paint has successfully passed various test parameters such as application of paint, thinning properties, drying time and finish, among others.
- It dries in less than 4 hours, and has a smooth and uniform finish.

- The paint can be applied on interior as well as exterior walls.
- Both distemper and emulsion paints are available in white base colour, and it can be developed in any color by suitably mixing colorants.

Significance

- It will be a boost to local manufacturing and will create sustainable local employment through technology transfer.
- This technology will increase consumption of cow dung as a raw material for eco-friendly products and will generate additional revenue to farmers and gaushalas.
- Utilization of cow dung will also clean the environment and prevent clogging of drains.

Bureau of Indian Standards

BIS is the National Standard Body of India established under the BIS Act 2016 for the harmonious development of the activities of standardization, marking and quality certification of goods and for matters connected therewith or incidental thereto.

Keeping in view, the interest of consumers as well as the industry, BIS is involved in various activities as given below:

- Standards Formulation
- Product Certification Scheme
- Compulsory Registration Scheme
- Foreign Manufacturers Certification Scheme
- Hall Marking Scheme
- Laboratory Services
- Laboratory Recognition Scheme
- Sale of Indian Standards
- Consumer Affairs Activities
- Promotional Activities

- Training Services, National & International level
- Information Services

Khadi and Village Industries Commission

The Khadi and Village Industries Commission is a statutory body formed in April 1957 by the Government of India, under the Act of Parliament, 'Khadi and Village Industries Commission Act of 1956

The broad objectives that the KVIC has set before it are:

- The social objective of providing employment.
- The economic objective of producing saleable articles.
- The wider objective of creating self-reliance amongst the poor and building up of a strong rural community spirit.

Some of the major functions of KVIC are:

The KVIC is charged with the planning, promotion, organisation and implementation of programs for the development of Khadi and other village industries in the rural areas in coordination with other agencies engaged in rural development wherever necessary.