



400 FORTTEENTH STREET • PO BOX 7 • CARLSTADT NJ 07072 • (201) 460-9300

100-441145
 EPA Reg No 8489-26

PRODUCT: a broad organic preservative recommended for use in resin emulsions, latex paint adhesives, dispersed colors, pigment slurries, and ready-mix joint cements.

Formulations that incorporated and when used at recommended levels will provide antimicrobial activity to a water-based system. By preventing the deterioration and the associated problems of viscosity loss, gas production, off-odors, etc., the product in the predicted composition has increased shelf life and improved product performance.

offers the following advantages

- [illegible]

It is important to note that the above calculations are approximate. This was established in routine calculations for the case of a single layer. As a result, the approximate equations are provided to show the trends in the results. The results of the calculations are presented in Table 1. The temperature associated with the spoilage of the waste is also shown.

[illegible]

For more information, contact the following: **Product Development Department**, 10000 Lakeside Drive, Box 10000, Richmond, BC V6X 3E7, Canada. Tel: 604/273-2200. Fax: 604/273-2201. Telex: 0800 0000 0000. **HOECHST CHEMICAL CORPORATION**, A Division of Hoechst Celanese Corporation, 300 Central Expressway, Paramus, NY 10765, USA. Tel: 212/261-4000. Fax: 212/261-4001. Telex: 237 000 0000.

[illegible]

TO PROTECT:

USE THE FOLLOWING CONCENTRATIONS (BASED ON TOTAL WEIGHT OF SYSTEMS):

Resin Emulsions

0.05% - 0.2%

To protect and preserve resin emulsions, the recommended concentration is based on total weight of system. This level will prevent bacterial spoilage from occurring throughout the emulsion's useful service life, which includes transit and storage. The point of preservative addition should be in the cool-down cycle. Where added quantities of COSAN 145 are required, it can be safely post-added.

Latex Paints

0.1 - 0.3%

COSAN 145 can easily be incorporated during any phase of paint manufacture. We recommend the addition immediately after the initial charge of water. At recommended use levels, no adverse physical paint properties have been observed.

Building Adhesives

0.05% - 0.5%

Dispersed Colors

0.1% - 0.3%

Ready-mix Joint Cements

0.1% - 0.25%

In the manufacture of the above materials, preservative addition should come just after the addition of water or similar inert solvent. This will insure good product distribution and provide antibacterial activity to the product at an early stage of manufacture.

SPECIFICATIONS:

Active Ingredient

Methanol [[2-(4-hydroxy-methyl-3,6-dihydro-2H-pyrazol-1-yl)-ethoxy] methoxy] methoxy]

50%

Physical Appearance

clear liquid

Color Gardner

4 max

Specific Gravity (25.25°C)

1.075-1.085

Pounds Per Gallon

8.95-9.04

Viscosity (25°C)

Gardner A-4

pH

8.5-9.0

Freezing Point

-15°C

Flash Point

214°F

