

SHEFASIDE SF-TECHNICAL DATA SHEET

Revision Date: 2024.08.31

Document No:

Ingredients

- **CMIT/MIT:** CAS No. 55965-84-9
- **Formaldehyde:** CAS No. 50-00-0
- **Active Ingredients:**
 - 5-Chloro-2-methyl-4-isothiazolin-3-one (CMIT)
 - Methyl-4-isothiazolin-3-one (MIT)
 - Formaldehyde

Product Description

SHEFASIDE SF is a water-based liquid in-can preservative specifically developed for complete microbiological protection of water-based paints, putty, construction chemicals, adhesives, emulsions, and water treatment chemicals against bacterial and fungal spoilage.

Antimicrobial Properties

- Broad spectrum, dual action
- Good headspace protection
- Easy dosing at any stage of the manufacturing process
- Cost effective
- Excellent long-term preservation with quick-kill properties

Physical and Chemical Properties

Property	Description
Physical State	Liquid
Appearance	Colourless to yellow clear liquid
Solubility	Miscible in water, not soluble in oil
pH Value (20°C)	2.0 - 4.0
Stability	Light; pH range: 4 – 9

Applications:

SHEFASIDE SF is recommended for a wide range of applications including:

- Adhesives
 - Polymer emulsions
 - Fountain solutions
 - Metalworking fluids (MWF)
 - Paints
- Provides protection against fungi and bacteria in the wet state.

Recommended Use Levels

- Typically **0.1% to 0.3%** in the final product

Packing

- 25 kg, 50 kg, 200 kg

Shelf Life

- 18 months

Note: The most cost-effective use level can only be established through testing in a specific formulation for its intended application.

Technical Service

SHEPARD technical laboratories offer customized testing as part of their customer support program. Contact your local sales office to access these services.

Health and Safety

- Request and read the Safety Data Sheet (SDS) before use.
 - Ensure all employees understand and follow safe handling and storage practices.
 - For further clarification, contact your local SalusZen office.
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Total Quality

- SHEPARD is ISO 9001 certified across its product range.
- Products comply with ISO 9001 standards based on their registration scope.