



**Chesson**Labs

## Technical Data Sheet: NUVADERM™ Liquid Bandage

### APPLICATION AND USES

- The intended use cleared by the FDA is “to cover intact skin or minor cuts, scrapes, burns and minor irritations of the skin, to help keep them clean and dry and help protect them from infection.”

### DESCRIPTION

- Single component non-toxic, polymeric solution in acetone solvent, which forms a uniform film when applied to the skin. The product dries rapidly, adhering to the contours of the skin to form a flexible, breathable, long-lasting, waterproof barrier.

### TYPICAL PROPERTIES

- Physical State: Low Viscosity Liquid
- Appearance: Yellow, Clear to Moderately Opaque Liquid
- Odor: Smell of Ketone Solvent
- Solubility in Water: Insoluble
- Percent Solids: 17% +/- 2%

### BENEFITS

- Antimicrobial Properties
- Helps Protect from Infection
- Breathable
- Waterproof
- Elastomeric
- Fast-Drying

### TOXICOLOGICAL INFORMATION

- Vapor may cause drowsiness, dizziness, vomiting, and nausea. Vapors may be irritating to the eyes.
- Chesson Labs NUVADERM™ has been tested for biocompatibility per ISO 10993 and was shown nontoxic in the following tests: USP Acute Systemic Toxicity, ISO Maximization Delayed Hypersensitivity, ISO Intracutaneous Reactivity, ISO Medium Elution Cytotoxicity, Agar Overlay Cytotoxicity, Chromosome Aberration Genotoxicity, Mouse Lymphoma Cell Mutagenicity, Ames Mutagenicity, Pyrogenicity, and Implantation.

### STORAGE & HANDLING

- For best results the product should be stored at room temperature [15 to 30C, 59 to 86F]. Avoid storage in excessive heat and humidity.
- The product is flammable in liquid form; avoid using near open flames and sources of ignition
- Use of other products, ointments, creams or lotions before application of this product may prevent the film from forming correctly and reduce effectiveness.

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