

# MATERIAL SAFETY DATA SHEET

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MSDS Date: 02 27 2002

Medical & Transport Emergency Contact:  
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Supersedes: All Previous

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## Product Identification

Trade Name: Caliwel™ with BNA – Antimicrobial\* Covering

DOT Classification: None

\*Caliwel™ contains an antimicrobial active ingredient – Calcium hydroxide – that protects both the liquid coating and the dried coating's surface.

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## Physical Data

Boiling Range (F): 220° F

Vapor Density (Air=1): Heavier than Air

Freezing Point (F): 32° F

Volume Solids: 35%

Solubility in Water: Miscible

Weight/Gallon: 11.25 lbs

Evaporation Rate (Butyl Acetate = 1): Slower than Ether

pH @ 77° F: 12.4

Appearance & Odor: White liquid; mild glycol ether odor

Specific Gravity: 1.351

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## Fire & Explosion Hazard Data (ASTM E84)

## Fire Extinguishing Media:

Flash Point (F): NA

Non-Flammable

Flame Spread Index (FSI): 0

Smoke Developed Index (SDI): 0

Ignition Time (Min:Sec): None

Maximum Temp. at Exposed TC (F°): 560

Time to Maximum Temp. (Min:Sec): 9:42

Flaming on Floor: None

After flame Top (Min:Sec): None

After flame Floor (Min:Sec): None

LEL: NA

UEL: NA

Flammability Classification: Non-Flammable

DOT: No information Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: NA

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## Reactivity Data

Hazardous Decomposition Products: Thermal decomposition yields oxides of carbon

Hazardous Polymerization: Will not occur under normal conditions

Stability: This product is stable under normal storage conditions

Incompatibility: No information

Conditions or Materials to Avoid: No information

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## Health Hazard Data

Effects of Overexposure:

Inhalation: No information  
Ingestion: May be harmful if swallowed  
Skin Contact: May cause skin irritation  
Eye contact: May cause eye damage  
Chronic Hazards: No information  
Primary Routes of Entry: Ingestion  
Toxicity: No information

## EMERGENCY FIRST AID PROCEDURES

Eye contact: Flush with large quantities of clean water  
Skin contact: Thoroughly wash exposed area with soap and water  
Inhalation: No information  
Ingestion: Call physician. Dilute with water. Do not induce vomiting.

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### Spill or Leak Procedures

Spills: Dike and contain spill with an inert material. Transfer liquid to containers for recovery or disposal.

Waste Disposal: Dispose of in accordance with local, state and federal regulations.

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### Special Protection Information

Respiratory Protection: Any person who may be exposed to this product in the form of an aerosol or mist from spray operations shall, at a minimum, wear a NIOSH-approved or equivalent respirator, in accordance with 30 CFR 11.130 Sub-part K. Use of this respirator shall be in accordance with OSHA and MSHA regulations at 29 CFR 1910.134 and 30 CFR 11, respectively. If a full-face respirator is selected and worn, the chemical safety goggles requirement is waived during spray operations.

Ventilation: General dilution or local exhaust ventilation to remove solid airborne particles of over spray during spray application and to remove decomposition products during welding or frame cutting on surfaces coated with this product.

Protective Clothing: To prevent prolonged skin contact, wear impermeable gloves, clothing or boots.

Eye Protection: Wear chemical safety goggles if spraying and available eye bath.

Hygienic Practices: Remove and wash contaminated clothing before re-use. Wash hands with soap and water. Emergency eye wash fountain and safety shower should be available in the vicinity of any potential overexposure.

**Special Precautions:** Store in tightly closed, properly ventilated containers in a cool, dry place. Do not puncture containers or expose product to moisture.

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