



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: March 2021

Liquid Chisel LC501 Water Based Formwork Release Agent

PART NUMBER	AVAILABLE SIZES
CT-LC501-200L	200 Litres

PRODUCT DESCRIPTION

Chemtools® Liquid Chisel LC501 Water Based Formwork Release Agent is a non-toxic, ready to use water-based concrete release agent that helps release concrete castings from formwork and various mold types, including metal, melamine, and wood. It provides a clean and positive release and will not interfere with colour or surface detail.

LC501 also helps minimise imperfections, bug holes, and air bubbles in precast and poured in place concrete.

FEATURES

- ✓ Low cost and easy to apply: Use straight and apply a thin coat onto the mold or precast
- ✓ Water based and eco-friendly: Contains no VOCs, no carcinogens, and no oils which are harmful to the environment
- ✓ Water repellent and rainproof
- ✓ Does not contain silicone: Will not affect the application of paint on the finished concrete
- ✓ Non-staining: Will not stain concrete, affect colour, surface detail, or finish
- ✓ Easy to clean: Will provide a rust inhibiting film and keep molds or formwork clean
- ✓ Minimises bug holes and air bubbles.

TECHNICAL DATA

Colour	Milky white
VOC Content	0 g/l
Viscosity	50 – 300 cps
Freezing Point	-5°C or below
Boiling Point	Approx. 100°C
Flash Point	Not Available
Solubility in Water	Fully Miscible
pH	7
Coverage	Applied in a thin film (.013 mm), 1L will cover approximately 50 to 80 square meters



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

DIRECTIONS FOR USE

Liquid Chisel 501 arrives ready to use with no dilution necessary. For best results, use at room temperature (22°C to 25°C).

Shake the container before dispensing. Apply with a brush, roller or Sprayer.

Note: If using a central pipe system, a hand gun sprayer, or a portable sprayer for application, ensure that any possible contamination is minimised by flushing the pipes or equipment with hot water.

CAUTION: Applying too much release agent may cause bug holes or pitting on surfaces

DRYING TIMES

Hot and Dry Conditions: Approx. 10 minutes
Cold or High Humidity: May be in excess of 60 minutes.

Note: A hot air blower may be used to reduce drying times.

STORAGE

Store in a sealed container at room temperature (22°C to 25°C).

FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use. Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.

Technical Data Sheet: Liquid Chisel LC501 Water Based Formwork Release Agent

Page 2 of 2