



Dicone NC15 Gel

silicone sealant & adhesive remover gel

OVERVIEW

Dicone NC15 Gel is a silicone "digestant," formulated to remove silicone-based sealants and adhesives, cured silicone elastomers and silicone water repellent over spray. NC15 Gel is formulated to a gel viscosity for application to vertical surfaces and to allow for extended dwell times required to remove heavy sealant and adhesive residues.

Dicone NC15 Gel uses new solvent technology to dissolve cured silicone resins and polymers with a nonflammable, non chlorinated and nonaromatic cleaning solution. Safer and more efficient than chlorinated solvents, xylene, toluene, benzenes, alcohols, and caustic solutions normally used for these applications.

Dicone NC15 Gel removes silicone residues from brick, concrete, natural stone and most glass surfaces. May damage metal, painted and synthetic finishes. Always test to confirm compatibility. NC15 Gel is corrosive and should be handled accordingly.

Dicone NC15 Gel may be used to remove cured silicone from tools and equipment when immersion in Sure Klean® Dicone NC9 fluids is impractical. Apply the gel to caulking guns, pump dispensers and other application tools to loosen and remove silicone buildups. Refer to product data sheet for Dicone NC9 or for additional information on equipment cleaning applications.

SPECIFICATIONS

For all PROSOCO product specifications visit www.prosoco.com and click on "SpecBuilder" or "Solution Finder."

ADVANTAGES

- Fast acting — removes most sealants and adhesive residues in 30 minutes to 1 hour.
- Contains no chlorinated or aromatic solvents.
- Gel consistency adheres to vertical surfaces, reduces spillage and waste.
- Removes many types of oil and grease stains from porous surfaces.
- Complies with all known VOC regulations for specialty adhesive removers.

Limitations

- Product efficiency is reduced when temperatures are below 40°F (4°C) and above 85°F (29°C).
- Contact with water reduces product effectiveness.
- Not recommended for direct contact with wood or finished wood surfaces.
- May damage or discolor some paints and metal finishes. Will attack nylon and similar synthetic coatings and finishes. Always test before large-scale applications.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Dicone NC15 Gel is compliant with all national, state and district regulations.

TYPICAL TECHNICAL DATA

FORM	Clear brown gel
SPECIFIC GRAVITY	0.727
pH	<1.0 (anhydrous concentrate)
WT/GAL	6.06 lbs
ACTIVE CONTENT	No data
TOTAL SOLIDS	20%
VOC CONTENT	<1%
FLASH POINT	180°F (82°C) ASTM D 3278
FREEZE POINT	<-22°F (<-30°C)
SHELF LIFE	1 year in tightly sealed, unopened container

Dicone NC15 Gel

PREPARATION

Protect people, vehicles, property, plants and all surfaces not set for cleaning from product, splash, fumes, residue and wind drift. Protect and/or divert pedestrian and vehicular traffic. If left unattended, cover treated surfaces with plastic to avoid contact by pedestrians.

Test or protect surrounding non masonry surfaces from contact with NC15 Gel and cleaning residues. Some metal surfaces and synthetic finishes may be stained or damaged by exposure to NC15 Gel. Protect with solvent resistant polyethylene.

Avoid exposing building occupants to vapors. When applying outside occupied buildings, shut down air handling equipment, cover air intakes and air

conditioning vents that may come in contact with product or fumes. Keep protection in place until surfaces have dried and odor has dissipated.

Avoid breathing vapors. Maintain adequate ventilation and wear appropriate personal safety equipment when working on interior surfaces or enclosed work platforms.

Prepare the surface by scraping or pressure rinsing to remove any loose material. Remove heavy buildups of sealant or adhesive using cutting tools, scrapers or other mechanical means followed by application of NC15 Gel to remove residues. Let the surface dry thoroughly before applying Dicone NC15 Gel. Product effectiveness will be greatly reduced if the surface is wet or damp at the time of application.

ALWAYS TEST

ALWAYS TEST a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

Masonry-washing equipment generating 400–1000 psi with a water flow rate of 6–8 gallons per minute is the best water/pressure combination for rinsing porous masonry. Use a 15–45° fan spray tip. Heated water (150–180°F; 65–82°C) may improve cleaning efficiency. Use adjustable equipment for reducing water flow-rates and rinsing pressure as needed for sensitive surfaces.

Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may permanently damage sensitive masonry. Water flow-rates less than 6 gallons per minute may reduce cleaning productivity and contribute to uneven cleaning results.

On interiors and where high pressure water cannot be used, rinse the surface using clean water applied by a soft bristle brush.

Storage and Handling

Store in a cool, dry place with adequate ventilation. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.			
Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	yes	25–50 sq.ft. 2–5 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete	Brick	yes	25–50 sq.ft. 2–5 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
Fired Clay	Cast-in-place	yes	25–50 sq.ft. 2–5 sq.m.
	Brick	yes	
	Tile	yes	
	Terra Cotta	yes	
Marble, Travertine, Limestone	Pavers	yes	25–50 sq.ft. 2–5 sq.m.
	Polished	no	
Granite	Unpolished	yes	25–50 sq.ft. 2–5 sq.m.
	Polished	yes	
Sandstone	Unpolished	yes	25–50 sq.ft. 2–5 sq.m.
	Polished	yes	
Slate	Unpolished	yes	25–50 sq.ft. 2–5 sq.m.
Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.			

Surface and Air Temperatures

Should be a minimum 40°F (4°C). For best results, temperatures should be above 60°F (15°C) and below 85°F (29°C).

Equipment

Apply with natural fibered and most synthetic brushes or rollers. Nylon brushes or rollers are not suitable. Can be applied through a bulk caulking gun, caulk dispenser pump or with a trowel.

Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Inadequate rinsing leaves residues which may stain the cleaned surface.

Dicone NC15 Gel

APPLICATION

Before use, read "Preparation" and "Safety Information".

ALWAYS TEST each type of surface and coating for suitability, dwell time, number of applications and results before overall application. Test using the following application instructions. Let test areas dry thoroughly before inspecting and finalizing the cleaning procedure.

Dilution

Do not dilute or alter. Mix thoroughly before use. A small amount of liquid will form on top of the gel during storage. The liquid can be easily re-dispersed by light mixing with a clean stirring stick.

Application Instructions

1. Remove heavy accumulations of adhesives or sealants using scrapers or other methods. Let surfaces dry thoroughly.
2. Apply enough to produce a 1/8 inch to 1/4 inch buildup over the stain or residue to be removed.
3. Let dwell for 15–30 minutes or until residue softens, "lifts" or shows signs of dissolving. NC15 Gel may be left on the surface for several hours to remove heavy buildup. Do not let Dicone NC15 Gel dry on the surface. If tests indicate long waiting periods are necessary, reapply gel to prevent drying. Some sealants and adhesives require multiple applications and/or increased dwell times for complete removal.
4. Remove NC15 Gel and residues using pressure water rinsing equipment, working from the bottom to the top. Where such equipment cannot be used, brush the treated surface vigorously with a soft bristle brush and warm water. Rinse thoroughly to ensure all residues are removed from the surface. If residues remain after water rinsing, let surface dry before reapplying NC15 Gel. Reapplication to damp or wet surfaces greatly reduces effectiveness.
5. Reapply as required, repeating steps 1–4.

Cleanup

Clean all equipment used for application with mineral spirits or paint thinner. Allow brushes, rollers and application equipment to dry thoroughly before reusing for Dicone NC15 Gel application.

Reinstalling Sealants and Adhesives

To assure proper adhesion of replacement sealants or adhesives, all residues of NC15 Gel must be completely removed. On large applications, test replacement products for proper adhesion and to make sure residues are completely gone.

Waste Characterization and Disposal

In most localities waste generated during use of Dicone NC15 Gel may be classified as "hazardous" if it is determined to be corrosive, flammable or toxic. The NC15 Gel is a non chlorinated, aliphatic solvent blend with a low pH and low toxicity.

When applying in the field and where cleaning residues are primarily rinse water, the hazardous characteristics of waste solutions will depend upon the nature of the residues being removed, volume of rinse water and applicable regulations. The pH of the gel may cause waste solutions to be classified as corrosive.

All waste should be tested to determine if it is hazardous according to local waste disposal regulations. In the absence of testing, all cleaning residues and rinse water should be considered hazardous and collected and placed in approved drums for disposal according to local, state and federal regulations. Users must consult and comply with current federal, state and local regulations regarding containment, transport and disposal of hazardous waste.

BEST PRACTICES

Prepare the surface by scraping or pressure rinsing to remove any loose material. Remove heavy buildups of sealant or adhesive using cutting tools, scrapers or other mechanical means followed by application of NC15 Gel to remove residues. Let the surface dry thoroughly before application. The effectiveness of Dicone NC15 Gel is greatly reduced if the surface is wet or damp at the time of application.

Mix Dicone NC15 Gel thoroughly before use. A small amount of liquid will form on top of the gel during storage. The liquid can be easily re-dispersed by light mixing with a clean stirring stick.

Do not let Dicone NC15 Gel dry on the surface. If tests indicate long waiting periods are necessary, reapply gel to prevent drying.

Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Inadequate rinsing leaves residues which may stain the cleaned surface.

Never go it alone. For problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care toll-free at 800-255-4255.

Dicone NC15 Gel

SAFETY INFORMATION

Sure Klean® Dicone NC15 Gel is an acidic cleaning product with safety issues common to corrosive materials. Use appropriate safety equipment and job site controls during handling and application. Read the full label and MSDS for precautionary instructions before use.

First Aid

Ingestion: Do not induce vomiting. Get immediate medical attention.

Eye and Skin Contact: Rinse thoroughly for 15 minutes. Get medical attention if irritation persists. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. If not breathing, administer pulmonary resuscitation. Get medical attention as necessary.

24 Hour Emergency Information:
INFOTRAC at 800-535-5053

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat

the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care - technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at www.prosoco.com, for the name of the Sure Klean® representative in your area.