



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Penetr8 Hi Speed Penetrant is an industrial strength, low viscosity lubricant and penetrant designed to quickly loosen and free seized, bound or frozen fasteners. CRC Penetr8 Hi Speed Penetrant quickly permeates rust, scale, gum, grease and corrosion with a low surface tension formula that creeps into cracks, seams, threads and joints with greater efficiency.

CRC Penetr8 Hi Speed Penetrant eases the disassembly of plant machinery, tools and equipment for routine maintenance and emergency repairs. Its super penetrating formula outperforms the competition in penetration, speed and corrosion resistance as verified by independent tests.

II. Applications

Recommended for use on nuts and bolts, pins, screws, bushings, clips, hinges, snaps, lugs, caps, locks, washers and sliding mechanisms.

Can also be used for cleaning concrete tools and rusted surfaces of moulds, dies and heavy tools and for softening or removing carbon deposits.

Ideal for use in plumbing, garages, piping, construction, machine shops, heavy industry, mining.

III. Features & Benefits

- **Extreme Penetrating Action** – Specially formulated to penetrate rust, dissolve varnishes and gums
- **Improves Performance and Operating Efficiency** – Loosens rusted and corroded nuts, bolts, couplings, fittings, hinges and frozen components
- **Outperforms the Competition** – As verified by independent tests
- **Corrosion Inhibiting** – Lubricating residue prevents further corrosion
- **Safe on metals and most plastics, rubbers and paints**
- **210ml comes with Dual Action Actuator** – choose from pin-point stream or regular spraying action

IV. Typical Properties and Characteristics

Physical Properties without Propellant:

Flash Point	48°C TCC
Odour	Pleasant ester
Appearance	Strawberry coloured liquid
Vapor Density	> air
Solubility	Negligible
Specific Gravity	0.84
Propellant	Hydrocarbon
Temperature Range	Maximum 120°C

Performance Characteristics:

Type of film	Thin, non-drying
Dry Time	Non-drying
Capillary Penetration of Liquids Test (Spread in one minute)	10.5 cm climbed (Q-Panel) which is more than twice the average distance compared to competing products
Penetration Test (Distance in one minute)	> 7.0 climbed (Nail)
Water Displacing Properties Test	Passes



CRC Industries NZ
Auckland NZ

V. Directions

Preparation:

Do not apply while equipment is energized. De-activate and disconnect from power source before use.

Application:

1. Shake can well.
2. Apply liberal coating to corroded surfaces, saturating problem area. Use extension tube where required.
3. Allow oil to seep between joints and surface area.
4. Tap joint lightly to aid penetration.
5. Proceed with disassembly.
6. Repeat application for stubborn spots.

VI. Package Description

Part Number	Size
5500	Aerosol 210 ml
5501	Aerosol 400 g

VII. Special Precautions

General:

Extremely flammable aerosol. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Avoid breathing dust, fume, gas, mist, vapours, spray. Use only outdoors or in well-ventilated area. Wear protective gloves, protective clothing, eye protection, face protection. Store in a cool, well-ventilated area. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

Aerosol Cans:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

First Aid:

Swallowed – Avoid giving milk or oil. Avoid giving alcohol.

Skin – Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.

Eyes – Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay.

Inhalation – Remove to fresh air. If breathing with difficulty, get medical attention immediately.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 07/2012

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.