



CRC Industries NZ  
Auckland NZ

## ***I. Product Description***

CRC Maniseal Exhaust Cement is a sodium silicate based sealer for mufflers and tailpipes that resists high temperatures. It expands and sets when heated, ensuring a perfect seal against carbon monoxide and other noxious fumes.

CRC Maniseal BROWN Exhaust Cement is a sealing and gasketing compound designed exclusively for use in assembly of Automotive Exhaust Systems.

CRC Maniseal BLACK Exhaust Cement is a sealing and gasketing compound designed to seal joints in fire boxes and flues or for repairing kilns. It can be used for an exhaust system when black is the desired colour.

## ***II. Features & Benefits***

- **Bridges gaps and imperfections in exhaust clamping areas**
- **Seals out poisonous fumes**
- **High temperature resistance** – Up to 300°C
- **Contains no asbestos**
- **Cleans up in water**
- **Ready to use** – No mixing required, easy to use

## ***III. Applications***

- Recommended for mufflers, tailpipes, joints, catalytic converters.
- **At the Manifold:** Some modern cars do not have manifold gaskets. CRC Maniseal takes the place of a gasket.
- **At the Exhaust Flange:** CRC Maniseal spread between the faces and in the 'V' of the clamp makes a highly satisfactory seal.
- **At the Muffler:** When the muffler is renewed and clamped in, the annoyance of a leak and subsequent waste of time will be avoided if CRC Maniseal is smeared over the pipes before fitting.
- **Industrial Use:** Kiln Repairs - thoroughly wet damaged area, force CRC Maniseal into cracks, gaps etc and smooth over with fingers.

## ***IV. Directions for Use***

### **PREPARATION:**

1. Clean area with wire brush or scraper.
2. Wet the area to be repaired with water.

### **APPLICATION:**

1. Apply putty with a putty knife by pressing into hole. If material has hardened in the container, moisten with water.
2. Start vehicles engine and allow to idle for 10 minutes to assist in the drying process. Let the repair dry overnight before using.
3. For large holes, reinforce the repair area with wire or screen mesh before applying putty.

### **CLEAN UP:**

1. For any cleanup, use water before the material is allowed to dry.
2. Clean hands with CRC Mechanix Orange Citrus Hand Cleaner or soap and water.



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### V. Properties Uncured Material

Chemical Type	Sodium silicate
Appearance	Cream paste
Odor	Odourless
Specific Gravity	1.8
Viscosity	Heavy Paste
Flash Point	None

### VI. Performance Characteristics

Typical Curing Performance	Cures by the evaporation of water and further cures with heat. Full cure will be affected after 24 hours of drying and driving at the maximum operation temperature.
Temperature Resistance	300°C continuous
Chemical / Solvent Resistance	The fully cured product retains effective properties when in contact with water.

### VII. Package Description

Part Number	Size
5064	Tube 145g Black
5061	Tube 145g Brown
5066	Tube 530g Black
5063	Tube 530g Brown

### VIII. Special Precautions

#### STORAGE:

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 25°C. Optimal storage is at the lower half of this temperature range.

#### GENERAL INFORMATION:

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.**

Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

#### FIRST AID:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

TECHNICAL DATA SHEET Version 08/2015

**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.