

# CORIUM Z187 Super Gasket Remover

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## **SUPER FAST ACTION:**

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Corium Z187 features high-energy ingredients that quickly and economically remove old or damaged gasketing compounds and materials from machinery surfaces. This ensures maximum "sealability" when a new gasket is to be used, as Corium Z187 removes all gasket and gasket-compound materials.

The high efficiency action of Corium Z187 makes mechanical abrasion and sandpapering techniques unnecessary and therefore saves a tremendous amount of maintenance downtime.

Mechanical removal methods can damage and scratch finely-machined equipment surfaces. Corium Z187 doesn't.

## **ALL-CHEMICAL ACTION:**

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Corium Z187 works by chemically neutralizing the adhesion between the existing gasket and destroying its molecular attraction to the under metal surface. This non-damaging chemical reaction eliminates the need for further mechanical work as the gasket will just peel off easily.

## **SUPER SAFE FEATURES:**

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Corium Z187 is non-greasy and contains no acids or alkalis. Absolutely no post application surface treatment is required on surfaces treated with Corium Z187.

# HOW TO APPLY

1. Shake can thoroughly.
2. Hold can 100-150mm (4-6") from the work face and spray evenly.
3. Spray a test area to determine the time required to penetrate down to the surface.
4. When the gasket loosens, it will begin to float off.
5. The time required will vary with the condition and age of the existing gasket.
6. Remove the lifted gasket with a stiff brush.
7. In exceptional cases, a re-application may be required.
8. Invert can after application and spray until clear gas appears, to prevent nozzle from clogging.

## **IMPORTANT:**

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Strictly observe all safety precautions relevant to the use of an aerosol product and/or printed on the can's label.

# MAGNA INDUSTRIAL CO. LIMITED

*Total Quality Maintenance*

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## MATERIAL SAFETY DATA SHEET

DATE 01 Aug 2014

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### SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name/Code** CORIUM Z187

#### Company Identification

Omega Manufacturing Division,  
Magna Industrial Co. Limited,  
1801, Guardian House,  
32 Oi Kwan Road,  
Wanchai, Hong Kong.

#### Distributor

Alshawi Trading,  
Block 351, Road 51, Bldg 20, Manama - Bahrain.  
[www.alshawitrading.com](http://www.alshawitrading.com)  
[info@alshawitrading.com](mailto:info@alshawitrading.com)  
P.O.Box 33526

Telephone (852) 25775187  
Fax (852) 25773190

Telephone (973) 1755 0019  
Fax (973) 1755 5108

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### SECTION 2 - HAZARDS IDENTIFICATION

Harmful & flammable product

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### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Wt.%</u>	<u>Classification</u>
Methylene chloride	75-09-2	60-100	Carc.Cat.3;R40
Propane/isobutane/ n-butane*	74-98-6	10-30	Fx;R12
Methanol	67-56-1	5-10	Xn;R20/22

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### SECTION 4 - FIRST-AID MEASURES

Eye Contact: Flush with plenty of water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Wash thoroughly with soap and water. Obtain medical attention in case of skin irritation or other cause for concern.

Inhalation: Move patient to open air.

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

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## SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, water fog, foam, sand and carbon dioxide.

Special Protective Equipment for Fire Fighters: Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: At elevated temperature (over 50C) cans may burst, vent or rupture.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spillage: Avoid breathing vapours. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal in accordance with local and national regulations.

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## SECTION 7 - HANDLING AND STORAGE

Do not incinerate containers. Store in place where temperature may not exceed 50°C. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally.

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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### ACGIH TLV

Methylene chlroide	50 ppm
Propane/isobutane/n-butane	1000 ppm
Methanol	200 ppm

Eye Protection: Safety goggles and full-face shield

Hand Protection: Rubber or plastic oil resistant gloves.

Ventilation: Use under well ventilated conditions.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear spray

Odour: Chlorinated solvent odour

pH: N.A.

Specific Gravity: 0.9

Vapour Pressure: In container 52 +- 5 psig

Boiling Point: Propellant below -18°C

Melting Point: N.A.

Flash Point: Propellant below -7°C

Flammability: Flammable

Evaporation Rate: >1 (Ether = 1), propellant only

Solubility in Water: Insoluble

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## SECTION 10 - STABILITY AND REACTIVITY

Stable

Materials to Avoid: Strong oxidizing agents, hydrogen peroxide, chromic acid, bromine.

Toxic compounds may form on thermal decomposition. Hazardous combustion products: Carbon dioxide, carbon monoxide, hydrogen chloride, phosgene, chlorine.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

There is no lethal dose information available.

Inhalation: Inhalation of vapours can cause irritation of the respiratory tract. Do not breathe spray or vapours.

Skin: May cause irritation, drying and cracking.

Eyes: Cause irritation.

Ingestion: Not a likely route of exposure. If swallowed, may cause irritation in mouth and stomach, thirst, nausea, vomiting, diarrhoea, with possible collapse if large amounts ingested.

Aspiration of material upon vomiting may cause chemical pneumonitis.

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## SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available at present.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

Comply with all local and national regulations regarding disposal.

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## SECTION 14 – TRANSPORT INFORMATION

Proper Shipping Name : AEROSOLS, FLAMMABLE (FLAMMABLE GAS).

UN Number: 1950

IATA Class: 2.1, Packing Group: -

IMDG Class: 2.1, Packing Group: -

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## SECTION 15 - REGULATORY INFORMATION

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## SECTION 16 - OTHER INFORMATION

R-phrases: R12 – Extremely flammable.

R20/22 – Harmful by inhalation and if swallowed.

R40 - Possible risk of irreversible effects.

S-phrases: S1/2 Keep locked up and out of the reach of children

S2 - Keep out of reach of children.

S7 - Keep container tightly closed.

S16 - Keep away from sources of ignition – No smoking.

S23 - Do not breath spray.

S24/25 - Avoid contact with skin and eyes.

S36/37 - Wear suitable protective clothing and gloves.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label when possible).

\*The propane/isobutene used in this product contains less than 0.1% W/W 1,3 butadiene.

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