

CORIUM Z128 Multi-Purpose Anti-Seize Compound

Corium Z128 is a thread lubricant and supreme multi purpose anti-seize maintenance formula containing a sophisticated blend of finely ground metals with anti-seize properties.

In industry, many disassemblies of machinery and metal parts are extremely difficult. Both driven and static parts of mechanical equipment are subjected to seizure. Seizure can be caused by heat (with subsequent expansion and contraction of metals): incorrect tolerances in press, taper and shrink fits, effects of exposure - causing corrosion, galvanic action because of adjacent dissimilar metals and carbon deposits in internal combustion engines, resulting from incombustible in fuel and lube oil.

Modern industry loses a tremendous amount of money each year due to problems of corrosion, seizure, fitting, galling, etc. of metal parts. The costly expense of downtime, maintenance and repair of parts can be greatly reduced by using Corium Z128.

Corium Z128 is a superior quality maintenance compound specifically designed for maintenance applications. It is an invaluable preventative maintenance tool in many applications such as: exhaust manifold gaskets, studs, nuts, spark plugs, bushings, sprockets, chains, wheel studs and countless other applications. (Withstands temperatures up to 2000°F (1093°C).

Corium Z128 is an excellent multi-purpose anti-seize for: conveyors and gear reducers, transmission shafts, generators, worm drives, compressors, pumps, spindles, pillar blocks, fans, blowers, electric motors, turbines, crankpins, cam rollers, etc. These can be maintained more effectively and at less cost with Corium Z128.

HOW TO APPLY

Shake the can thoroughly. Hold the can 100-150 mm (4-6") from the area to be treated and spray. Can operates best at room temperature. After application invert can and spray until clear gas appears. This will prevent nozzle clogging.

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Magna Industrial reserves the right to modify or change this product for purposes of improving its performance characteristics.

CPIM Z128.1	Version 1.0	Revision 1.0	Rev. Date: February 16, 2000	Reference: LUN
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For safety instructions, please refer to the Material Safety Data Sheet. This product is extremely flammable. Avoid contact with skin and eyes.

Pressurized aerosol container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep out of reach of children. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – do not smoke while spraying. Do not breathe spray. In case of insufficient ventilation, wear suitable respiratory equipment. If swallowed, seek medical advice immediately and show this container or label. Use this aerosol product only for the applications for which it is intended.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

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MATERIAL SAFETY DATA SHEET

DATE 01 Aug 2014

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name/Code CORIUM Z128

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.
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info@alshawitrading.com
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SECTION 2 - HAZARDS IDENTIFICATION

Harmful & flammable product

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Wt.%</u>	<u>Classification</u>
Trichloroethylene	79-01-6	30-60	Carc. Cat.3;R40
Propane	74-98-6	10-<30	Fx;R12

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, waterfog, 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.

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.

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.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV

Trichloroethylene	50 ppm
Propane	1000 ppm
Naphthenic distillate	5 mg/m ³
Copper flake	1 mg/m ³ (as dust)
Graphite flake	2.5 mg/m ³ (as dust)

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: Copper colour paste

Odour: Chlorinated solvent odour

pH: N.A.

Specific Gravity: 1.1

Vapour Pressure: In container 52 ± 5 psig

Boiling Point: -40°C to $>260^{\circ}\text{C}$

Melting Point: N.A.

Flash Point: -97°C

Flammability: N.A.

Evaporation Rate: <1 (Ether = 1)

Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Stable

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

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

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.

SECTION 13 - DISPOSAL CONSIDERATIONS

Comply with all local and national regulations regarding disposal.

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: -

SECTION 15 - REGULATORY INFORMATION

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SECTION 16 - OTHER INFORMATION

R-phrases: R12 - Extremely flammable

R40 - Possible risk of irreversible effects

S-phrases: S2 - Keep out of reach of children

S23 - Do not breathe vapour

S36/37 - Wear suitable protective clothing and gloves

Remarks: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.