

Productname : METAL FREE PASTE|IND
Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
Replaces: BB14340

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

METAL FREE PASTE IND
Bulk

1.2. Relevant identified uses of the substance or mixture and uses advised against

Anti-seize lubricant

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe bvba
Touwslagerstraat 1
9240 Zele
Belgium
Tel.: +32(0)52/45.60.11
Fax.: +32(0)52/45.00.34
E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Asemanrinne 13, 08500 Lohja	+358/(19)32.921	+358/(19)383.676
CRC Industries France	6, avenue du marais, B.P. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303.0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Kryptongatan 14, 431 53 Mölndal	0046/31 706 84 80	0046/31 27 39 91

1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

Health: R38: Irritating to skin.
R41: Risk of serious damage to eyes.
Physical: not classified
Environment: not classified



Productname : METAL FREE PASTE|IND
 Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
 Replaces: BB14340

Other hazards : not classified

2.2. Label elements

Warning symbol(s) : Xi : IRRITANT



Risk-phrase(s) : R38: Irritating to skin.
 R41: Risk of serious damage to eyes.

Safety-phrase(s) : S22: Do not breathe dust.
 S24: Avoid contact with skin.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S37/39: Wear suitable gloves and eye/face protection.
 S60: This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
mineral oil with additives	-	-	30-60	-	-	B
Calcium dihydroxide	1305-62-0	215-137-3	10-25	Xi	38-41	A

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes : If substance has got into eyes, immediately wash out with water for at least 15 minutes
 Remove contact lenses, if present and easy to do. Continue rinsing.
 Seek medical advice

Contact with skin : Wash with water and soap.
 Seek medical attention if irritation persists

Inhalation : Fresh air, keep warm and at rest.



Productname : METAL FREE PASTE|IND
Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
Replaces: BB14340

Ingestion : Seek medical attention if ill effects occur
If swallowed do not induce vomiting
Seek medical advice

4.2. Most important symptoms and effects, both acute and delayed

Inhalation : May cause irritation.
Symptoms : sore throat, cough

Ingestion : May cause gastrointestinal disturbances
Symptoms : sore throat, abdominal pain, nausea, vomiting

Skin contact : Irritating to skin.
Symptoms : redness and pain

Eye contact : Risk of serious damage to eyes.
Symptoms : redness and pain, impaired vision

4.3. Indication of any immediate medical attention and special treatment needed

General Advice : If you feel unwell, seek medical advice (show the label where possible)
If symptoms persist always call a doctor

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

May give off noxious and toxic fumes in a fire

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes
Wear breathing apparatus

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.
Ensure adequate ventilation
Wear suitable protective clothing including eye/face protection.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities



Productname : METAL FREE PASTE|IND
Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
Replaces: BB14340

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe aerosols or vapours.
 Ensure adequate ventilation
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.
 Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.
 Keep out of reach of children.

7.3. Specific end use(s)

Anti-seize lubricant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
Calcium dihydroxide	1305-62-0	TWA	5 mg/m3
National established exposure limits, United Kingdom			
Calcium dihydroxide	1305-62-0	TWA	5 mg/m3

8.2. Exposure controls

Control procedures : Ensure adequate ventilation
Personal protection : Take precautions to avoid contact with skin and eyes when handling the product.
 Ensure adequate ventilation



Productname : METAL FREE PASTE|IND
Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
Replaces: BB14340

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.
Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX)

hands and skin : Wear suitable protective gloves
(nitrile)

eyes : Wear safety goggles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state : Paste.
colour : White.
odour : Perceptible odour.
pH : Not available.
Boiling point/range : Not available.
Flash point : >200 °C
Evaporation rate : Not available.
Explosion limits : upper limit : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 1.419 g/cm³ (@ 20°C).
Solubility in water : Insoluble in water
Auto-ignition : > 200 °C
Viscosity : Not available.

9.2. Other information

VOC: 0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

In case of fire, do not breathe fumes
May give off noxious and toxic fumes in a fire

10.4. Conditions to avoid

heat



Productname : METAL FREE PASTE|IND
Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
Replaces: BB14340

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation :	May cause irritation.
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	Irritating to skin.
Eye contact :	Risk of serious damage to eyes.

Toxicological data :

No information available

SECTION 12: Ecological information

12.1. Toxicity

not classified

Ecotoxicological data:

No information available

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available



Productname : METAL FREE PASTE|IND
Ref.Nr.: BDS001031_3_20111212

Creationdate : 12.12.11 Version : 1.0
Replaces: BB14340

12.6. Other adverse effects

No experimental data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way.
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Contaminated packaging : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : Not classified as hazardous for transport

14.2. UN proper shipping name

Proper shipping name: Not applicable.

14.3. Transport hazard class(es)

Class: Not applicable.
ADR/RID - Classification code: Not applicable.

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally hazardous: No

14.6. Special precautions for user

ADR/RID - Tunnelcode: Not applicable.
IMDG - Ems: Not applicable.
IATA/ICAO - PAX: Not applicable.
IATA/ICAO - CAO: Not applicable.



Productname :	METAL FREE PASTE IND	Creationdate :	12.12.11 Version : 1.0
Ref.Nr.:	BDS001031_3_20111212	Replaces:	BB14340

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The Safety Data Sheet is compiled according to the current European requirements.
EU-directive 99/45/EC
Regulation (EC) No 1272/2008
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation risk-phrases: R38: Irritating to skin.
R41: Risk of serious damage to eyes.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.

