

EC Safety Data Sheet

Rhodorsil CAF 4



Date of issue / Reference

30.04.04 HIL

Replaces version of

31.03.03 HIL

Date of printing

30.04.2004 Sheet no. **1005 / USA**

Page 1 of 5

Company

Habasit Belting Inc., 305 Satellite Blvd, P.O. Box 80507,
Suwanee, GA 30024

1 Commercial product name and supplier

- 1.1 Commercial product name / designation **Rhodorsil CAF 4**
- 1.2 Application / use Single component silicone rubber
- 1.3 Producer Rhodia Silicon GmbH, Quettingerstr. 289, D-51381 Leverkusen
Tel. ++49 (0) 2171-50090 Telefax ++49 (0) 2171-500950
- 1.4 Supplier Aseol AG, CH-3008 Bern, ++41 (0) 31/ 38178 44
Habasit AG, CH-4153 Reinach Tel. ++41 (0) 61/ 715 15 15
- 1.5 24 Hour emergency assistance Infotrac, Inc.: (800) 535-5053;
Habasit Belting Inc.: 678-288-3600
General S.D.S. assistance Habasit Belting Inc.: Tel. 1-678-288-3600; Fax 1-678-288-3651
Toll-free Tel. No.: 800-458-6431
- 1.6 Product No.

2 Composition

- 2.1 Chemical characterisation Mixture of polydimethyl siloxanes and inert fillers.
CAS No.:
Acetic acid. 64-19-7
Triacetoxymethylsilane 4253-34-3
Triacetoxymethylsilane 17689-77-9
- 2.2 Hazardous components Contains
Acetic acid
CAS No. 64-19-7
EC No. 200-580-7
C, R 10-35
<5 % Triacetoxymethylsilane
CAS No. 4253-34-3
EC No. 241-221-9
C, R 34
<5 % Triacetoxymethylsilane
CAS No. 17689-77-9
EC No. 241-677-4
C, R 34
- 2.3 Further information

3 Hazards identification

-
Irritating to eyes, respiratory system and skin.

4 First aid measures

- 4.1 Eye contact In case of eye contact, thoroughly rinse with water and consult a doctor.

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Page 2 of 5

4.2	Skin contact	Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse.
4.3	Ingestion	Consult a physician.
4.4	Inhalation	Take into fresh air. In case of difficulty with breathing, seek medical advice.
4.5	Further information	Treat symptomatically.

5 Fire-fighting measures

5.1	Suitable extinguishing media	Water fog, carbon dioxide, dry chemical, foam, alcohol resistant foam.
5.2	Extinguishing media to avoid	No restrictions.
5.3	Further information	Cool containers in the vicinity of the blaze using a water spray. Respiratory equipment while fire fighting.

6 Accidental release measures

Avoid contact with skin and eyes and do not breathe vapours. Clean up mechanically and collect into appropriate container. On hard surfaces use absorbent material to pick up remainder; on loose surfaces shovel up contaminated layer, clean up all traces. Clean up residues with absorbent material and wash with water.

7 Handling and storage

7.1	Handling	Ensure efficient venting while applying the product. Ventilate area. Eye wash fountain should be located in immediate work area.
7.2	Industrial hygiene	Avoid contact with skin and eyes and do not breathe vapours. Take off immediately all contaminated clothing. Wash hands before smoking or eating.
7.3	Storage	Store in a well ventilated, cool, dry area.
7.4	Place of storage	–
7.5	Fire- and explosion protection	Eliminate all sources of ignition.

8 Exposure controls / personal protection

8.1	Technical measures	Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.
8.2	Control of threshold limits	Exposure guidelines see section 15.8.
8.3	Personal protective equipment	
8.3.1	Respiratory protection	Test data indicate that organic vapour respirators are effective types of air-purifying respirators.
8.3.2	Hand protection	Use impervious gloves. Rubber gloves.



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Date of printing

30.04.2004 Sheet no. **1005 / USA**

Page 3 of 5

- 8.3.3 Eye protection Use safety glasses. Where contact with the liquid is likely, chemical goggles are recommended
- 8.3.4 Other Work clothing.

9 Physical and chemical properties

- 9.1 Appearance paste (20°C)
- 9.2 Color off-white to cream
- 9.3 Odour vinegar
- 9.4 Change of physical state > 200 °C Test method:
- 9.5 Density 1.13 g/cm³ (25°C) DIN 51757
- 9.6 Vapour pressure - mbar (20°C)
No relevant information is available.
- 9.7 Viscosity ca. 200 Pa-s (25°C) ASTM D 445
- 9.8 Solubility in water practically insoluble
- Soluble in Gasoline
- 9.9 pH not applicable
- 9.10 Flash point > 130 °C
- 9.11 Ignition temperature 427 °C
Acetic acid.
- 9.12 Explosion limits Lower: – vol.%
Upper: – vol.%
not determined
- 9.13 Further information None.

10 Stability and reactivity

- 10.1 Thermal decomposition Stable under recommended storage conditions.
Keep dry, avoid moisture.
- 10.2 Hazardous decomposition products Release of acetic acid during curing.
Forms flammable mixtures upon heating.
- 10.3 Hazardous reactions No hazards known.
- 10.4 Further information None

11 Toxicological information

- 11.1 Acute toxicity Vapours may irritate eyes.
Vapours and mists may cause irritation of the upper respiratory tract (nose and throat).
Prolonged exposure may cause skin irritation.

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Page 4 of 5

11.2 Subacute / chronic toxicity Not determined.

11.3 Further information

12 Ecological information

Biodegradation is not applicable.
The German 'Wassergefährdungs Klasse (WGK)' for this product is: 1
(self classification. The product has not been tested.)
Do not wash into sewers or into any body of water.

13 Disposal considerations

May be disposed of at approved landfills or preferably by incineration under approved conditions.

13.1 EC waste key

08 04 10

13.2 Swiss waste code

1610, adhesives with aqueous phase

13.3 Origin

70, adhesive production

14 Transport information

14.1 Transport at land:

GGVE / GGVS Class – Cipher –
RID / ADR Class – Cipher –
Warning label UN-No. – Kemler No. –
Packing group –
Overland statement –

14.2 Transport at sea: GGVSee

Class – Cipher –
ADNR Class – Cipher – Cat. –
UN-No. –
IMDG-code page –
EMS –
MFAG –
Sea transport statement –

14.3 Air transport: ICAO / IATA-DGR

Class or Division –
UN-No. –
PSN –
Subsidiary risk –
Labels –
Packing group –
Passenger aircraft Packing Instruction – max. –
Cargo aircraft only Packing Instruction – max. –

14.4 Further information

Product is not classified for any mode of transportation.

15 Regulatory information

This product does not require classification according to the EC criteria.

15.1 UN-No.

–

15.2 Swiss regulations

BAG T No. –

Swiss toxicity class

free

15.3 EC-No.

Not applicable.

15.4 Hazard symbols

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Page 5 of 5

15.5	Hazard designation	-
15.6	Risk phrases	R: -
15.7	Safety phrases	S: -
15.8	MAK value	10 ppm = 25 mg/m ³ acetic acid
15.9	BVD classification (CH)	
15.10	VbF (D)	-
15.11	Further information	None

16	Other information	Read the producer's technical documents. Observe the expiry date. Cf. separate sheet for captions and abbreviations.
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The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

Alle vorstehenden Angaben entsprechen dem heutigen Stand unserer Kenntnisse und Erfahrungen. Das Sicherheitsdatenblatt dient der Beschreibung der Produkte im Hinblick auf Sicherheitserfordernisse. Die Angaben haben nicht die Bedeutung von Eigenschaftszusicherungen.