



SAFETY DATA SHEET
HOOF FIX WHITE 250ML, COMPONENT B

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Compilation date: 21-03-2017

Revision No: 1

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

1.1. Product identifier

Product name: HOOF FIX WHITE 250ML, COMPONENT B

Product code: WHS2001

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

1.3. Details of the supplier of the safety data sheet

Company name: Werkman Hoofcare B.V.

Helper Molenstraat 43

Groningen

9721 BT

The Netherlands

Tel: +31 (0)50 521 81 21

Email: Wendy@werkmanhorseshoes.com

1.4. Emergency telephone number

Emergency tel: +31 (0)50 521 81 21

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP:

Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Sens. 1: H317; -:

EUH205

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Contains epoxy constituents. May produce an allergic reaction.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

EUH205: Contains epoxy constituents. May produce an allergic reaction.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



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Signal words: Warning

Precautionary statements:

P501: Dispose of contents/container to.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P362+364: Take off contaminated clothing and wash it before reuse.

P337+313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-033-5	25068-38-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	70-90%

DIBENZOYL PEROXIDE

202-327-6	94-36-0	-	Skin Sens. 1: H317; Org. Perox. B: H241; Eye Irrit. 2: H319	10-30%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If skin irritation or rash occurs: get medical advice/attention.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses. Continue rinsing. If irritation persists, consult a doctor.

Ingestion: Wash out mouth with water. Drink plenty of water and provide fresh air. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Provide fresh air. Keep victim warm and quiet. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of allergic symptoms especially in the breathing area, seek medical advice immediately. Apply cortisone spray at early stage.

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

Skin contact: There may be irritation and redness at the site of contact. May cause allergic reactions on the skin.

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Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Alcohol resistant foam. Water spray. Carbon dioxide. Do not use water jet. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Collect extinguishing water to prevent it from draining into the sewer system.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Ensure adequate ventilation. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Use personal protection equipment. Do not breathe vapor. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean up with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

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Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep dry. Keep away from sources of ignition. Keep away from direct sunlight. Do not store together with: gas, explosives, oxidizing solids, oxidizing liquids, radioactive substances, infectious substances.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIBENZOYL PEROXIDE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Do not eat, drink or smoke while working. Remove contaminated clothing immediately. Wash contaminated clothing before reuse. Used working clothes should not be used outside the work area. Protect skin by using skin protective cream.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protection is not required under normal circumstances. In case of insufficient ventilation wear respiratory protection. Combination filter device (DIN EN 141) Type A / P2/P3. The filter class must be suitable for the maximum contaminant concentration that may arise when handling the product.

Hand protection: Protective gloves. Rubber gloves. Breakthrough time \geq 480min, penetration time (max wearing period): 160min. CR (polychloroprenes, Chloroprene rubber). NBR (nitrile rubber). Before using check leak tightness/impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

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Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Do not empty into drains or the aquatic environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Viscous

Colour: Cream

Odour: Characteristic odour

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Explosion risk in contact with: base, alcohol, oxidizing agents, reducing agents, strong acid, amines, heat.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Cooling. Moisture. Sources of ignition. Do not smoke

10.5. Incompatible materials

Materials to avoid: Bases. Alcohols. Oxidising agents. Reducing agents. Strong acids. Amines.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

ORL	MUS	LD50	15600	mg/kg
ORL	RAT	LD50	11400	mg/kg
SKN	RBT	LD50	>20	ml/kg

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DIBENZOYL PEROXIDE

ORL	MUS	LD50	5700	mg/kg
ORL	RAT	LD50	7710	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. May cause allergic reactions on the skin.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
CAS 25068-38-6	-	-	-
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	1,2	mg/l
<i>Scenedesmus capricornutum</i>	72H ErC50	9,4	mg/l
<i>Daphnia magna</i> (OECD 202)	48H EC50	1,1-2,8	mg/l
<i>Daphnia magna</i> (OECD 211)	21D NOEC	0,3	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Other adverse effects: Do not empty into drains or the aquatic environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Waste treatment methods: Recommendation: Disposal according to official regulations.

Waste code number: 08 04 09

Disposal of packaging: Uncleaned packagings: recommendation: Disposal according to official regulations.

Cleaned containers may be recycled. Waste key number (recommended): 150110.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E Transport

category: 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: This preparation is dangerous in the sense of Directive 1999/45/EC. This preparation is hazardous in the sense of regulation (EC) No 1272/2008 (GHS). Regulation 96/82/EC for danger control following severe accidents with dangerous substances: Appendix I, Part 2, No 9ii (Seveso II).

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH205: Contains epoxy constituents. May produce an allergic reaction.

H241: Heating may cause a fire or explosion.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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