



SAFETY DATA SHEET
HOOF FIX WHITE 250ML, COMPONENT A

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Compilation date: 20-03-2017

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 A

Product code: WHS2001

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

Use of substance / mixture: PC1: Adhesives, sealants.

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: Flam. Liq. 2: H225; Skin Corr. 1A: H314; Skin Sens. 1: H317; STOT SE 3: H335; Eye Dam. 1: H318

Most important adverse effects: Highly flammable liquid and vapour. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.

Hazard pictograms: GHS02: Flame
GHS05: Corrosion
GHS07: Exclamation mark



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[cont...]

Signal words: Danger

Precautionary statements: P501: Dispose of contents/container to.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.

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:

METHYL METHACRYLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-297-1	80-62-6	-	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	50-70%

2-METHYLPROPENOIC ACID

201-204-4	79-41-4	-	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314	1-10%
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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. See a doctor immediately.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses. Continue rinsing. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Wash out mouth with water. Let water be drunken in little sips (dilution effect). Never give anything by mouth to an unconscious person. Call a doctor immediately.

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Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move victim to fresh air and position comfortably. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of irritation of the respiratory tract seek medical advice. In the case of lung irritation: Primary treatment using corticoid spray, eg. Auxiloson spray, Pulmicort-dosage-spray (Auxiloson and Pulmicort are registered trademarks).

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.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate

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all sources of ignition. Ensure adequate ventilation. Do not breathe vapor. Avoid contact with eyes. Avoid contact with skin. 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

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. Protect against electrostatic charges. It is possible that in the head space of sealed containers, especially in the case of thermal development, vapours of solvent cleaners may accumulate.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Make sure spills can be contained (e.g. sump pallets or kerbed areas). Keep away from direct sunlight. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Do not store together with: gas, explosives, flammable solids, selfheating substances and mixtures, oxidizing liquids, oxidizing solids, 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:

METHYL METHACRYLATE

Workplace exposure limits:

Respirable dust

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State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	50 ppm	100 ppm	-	-

2-METHYLPROPENOIC ACID

UK	72 mg/m ³	143 mg/m ³	-	-
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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. Wash hands before breaks and at end of work. 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): (0.5 mm). FKM (Fluororubber): (0.4 mm). Butyl rubber. (0.5 mm). Before using check leak tightness/impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

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: White-yellow

Odour: Characteristic odour

Boiling point/range°C: 100

Flash point°C: 10

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.

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10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Direct sunlight. Air. Only use material in places woor open light, fire and other sources of ignition can be kept away.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. alkalis (alkalis), concentrated.

10.6. Hazardous decomposition products

Haz. decomp. products: Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	1600	mg/kg
DERMAL	-	ATE	1100	mg/kg

Hazardous ingredients:

METHYL METHACRYLATE

IPR	RAT	LD50	1328	mg/kg
ORL	MUS	LD50	3625	mg/kg
ORL	RAT	LD50	7872	mg/kg

2-METHYLPROPENOIC ACID

ORL	MUS	LD50	1250	mg/kg
ORL	RAT	LD50	1600	mg/kg

Relevant hazards for product:

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

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Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Other information: People who suffer from skin problems, asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.
STOT-single exposure; May cause respiratory irritation.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
CAS 80-62-6	-	-	-
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	79	mg/l
<i>Pseudokirchnerella subcapitata</i>	72H ErC50	>110	mg/l
<i>Daphnia magna</i>	48H EC50	69	mg/l

12.2. Persistence and degradability

Persistence and degradability: Readily 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.

12.6. Other adverse effects

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

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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: UN2924

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

14.3. Transport hazard class(es)

Transport class: 3 (8)

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E Transport
category: 2

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 7 (Seveso II).

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.

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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: H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.

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H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

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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