

Material Safety Data Sheet

1. Identification of the substance/preparation and company

Product Name: Drygrip Adhesive
Description:
Company name: Safeguard Europe Ltd
Redkiln Close, Redkiln Way
Horsham
West Sussex
RH13 5QL

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2. Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: R52/53

Classification under CLP: Aquatic Chronic 3: H412, Eye Irrit. 2: H319, Skin Sens. 1: H317, EUH208.

Most important adverse effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements under CLP

Hazard statements: EUH208: Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6 -pentamethyl-4-piperidyl sebacate., n-(2-aminoethyl)-3-aminopropyltrimethoxysilane.
May produce an allergic reaction.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children.
P333+313: If skin irritation or rash occurs: Get medical advice.
P363: Wash contaminated clothing before reuse.
P501: Dispose of contents/container to industrial waste.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P337+313: If eye irritation persists: Get medical advice/attention.
P103: Read label before use.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves.

P261: Avoid breathing vapours.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P273: Avoid release to the environment.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321: Specific treatment (see information on this label).

Label elements under CHIP

Hazard symbols: Symbol not required.
 Risk phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Safety phrases: S29: Do not empty into drains.

Precautionary phrases: Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate., n-(2-aminoethyl)-3-aminopropyltrimethoxysilane. May produce an allergic reaction.

2.3. Other hazards

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

3. Composition/information on ingredients

Mixtures: Hazardous ingredients

MICRONISED WAX

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	-: R52	Aquatic Chronic 3: H412	1-10%

TRIMETHOXY VINYLSILANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
220-449-8	2768-02-7	-: R10; Xn: R20	Acute Tox. 4: H332; Flam. Liq. 3: H226	1-10%

N-(2-AMINOETHYL)-3-AMINOPROPYLTRIMETHOXYLSILANE

217-164-6	1760-24-3	Xi: R41; Sens.: R43; Xn: R20; N: R51/53	Eye Dam. 1: H318; Aquatic Chronic 2: H411; Acute Tox. 4: H332; Skin Sens. 1: H317	<1%
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BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.

-	-	Sens.: R43; N: R50/53	Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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4. First-aid measures

4.1. Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
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.

5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards:	Toxic. In combustion emits toxic fumes.
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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.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Refer to section 8 of MSDS for personal protection details.
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6.2. Environmental precautions

Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required in normal use.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses.

Skin protection: Impermeable protective clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: White

Odour: Barely perceptible odour

Evaporation rate: Slow

Solubility in water: Insoluble

Viscosity: Highly viscous

Boiling point/range°C: >200 Flash point°C: >93

Relative density: ~1.3 VOC g/l: 25

10. Stability and reactivity

Chemical stability: Stable under normal conditions.

Conditions to avoid: Heat. Hot surfaces. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Hazardous decomposition products: In combustion emits toxic fumes.

11. Toxicological information

11.1. Information on toxicological effects:

Hazardous ingredients:

BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.

ORAL	RAT	LD50	3230	mg/kg
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Toxicity values: No data available.

11.2 Symptoms/routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

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.

12. Ecological information

Ecotoxicity values: No data available.

Persistence & degradability: Not biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: Non-volatile.

PBT identification: This substance is not identified as a PBT substance.

Other adverse effects: Harmful to aquatic organisms.

13. Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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

14. Transport information

Transport class: This product does not require a classification for transport.

15. Regulatory information

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

16. Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in 2. and 3.: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

R20: Harmful by inhalation.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52: Harmful to aquatic organisms.

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.