



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2015/830)

Rubcol A

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code None.

Synonyms None.

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

Use of the Substance/Mixture Adhesives

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification Habasit GmbH (Deutschland), Only Representative
Babenhäuser Str. 31
D-64859 Eppertshausen
+49 6071 969 0 (Mo - Fr, 7.30h - 17h)

SDS info: product.safety@habasit.com

National contact:
Habasit (UK) Limited
Habegger house
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Elland,
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HX5 9AF
Tel. +44 (0) 333 207 6570 (Mo - Fr, 8h - 17.30h)
E-Mail: info.uk@habasit.com

1.4. Emergency telephone number NHS Direct in England or Wales: +44 (0)845 46 47
NHS 24 in Scotland (UK only): 08454 24 24 24
Poisons Information Centre of Ireland: 01 809 2566

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Version 02 (Previous versions: 27.03.2015)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Serious eye damage/eye irritation, Cat. 2, H319
Skin Sensitisation, Cat. 1, H317
Specific target organ toxicity (single exposure, narcotic effects), Cat. 3, H336
Flammable liquids, Cat. 2, H225

Additional information

For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements



Signal Word

Danger

Hazard Statements

H225: Highly flammable liquid and vapour.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Precautionary statements

P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P210b: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
P501: Dispose of contents/ container to an approved waste disposal plant.

Supplemental information

None.

Product identifier

acetone; propan-2-one; propanone, CAS-No. 67-64-1, EC-No. 200-662-2
butanone; ethyl methyl ketone, CAS-No. 78-93-3, EC-No. 201-159-0
ethyl acetate, CAS-No. 141-78-6, EC-No. 205-500-4
Hydroabietyl alcohol, CAS-No. 13393-93-6, EC-No. 236-476-3

Contents of package < 125 ml



Danger

H317: May cause an allergic skin reaction.
H336: May cause drowsiness or dizziness.
P262: Do not get in eyes, on skin, or on clothing.
P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

2.3. Other hazards

None. None.

3. Composition/information on ingredients

Chemical characterization

Adhesive on solvent basis.

Components		CLP Classification	Product identifier
acetone; propan-2-one; propanone	50% - 75%	Eye Irrit. 2 H319, STOT SE 3 H336, Flam. Liq. 2 H225, EUH066	CAS-No.: 67-64-1 EC-No.: 200-662-2 Index-No: 606-001-00-8
butanone; ethyl methyl ketone	10 - 20%	Eye Irrit. 2 H319, STOT SE 3 H336, Flam. Liq. 2 H225, EUH066	CAS-No.: 78-93-3 EC-No.: 201-159-0 Index-No: 606-002-00-3
ethyl acetate	10 - 20%	Eye Irrit. 2 H319, STOT SE 3 H336, Flam. Liq. 2 H225, EUH066	CAS-No.: 141-78-6 EC-No.: 205-500-4 Index-No: 607-022-00-5
Hydroabietyl alcohol	1 - 5%	Skin Sens. 1 H317, Aquatic Chronic 2 H411	CAS-No.: 13393-93-6 EC-No.: 236-476-3

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities

None known.

4. First aid measures

4.1. Description of first aid measures

Inhalation	Move to fresh air. Consult a physician after significant exposure.
Skin contact	Wash off immediately with plenty of water. Remove contaminated clothing and shoes. If skin irritation persists, call a physician.
Eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion	Do not induce vomiting. Call a physician immediately.

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

Headache. Dizziness.

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

This information is not available.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons High volume water jet.

5.2. Special hazards arising from the substance or mixture During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.

5.3. Advice for firefighters

Special protective equipment for firefighters In the event of fire, wear self-contained breathing apparatus.

Specific methods Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Remove all sources of ignition.

Advice for emergency responders Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition. Vapours are heavier than air and may spread along floors.

6.2. Environmental precautions Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

6.4. Reference to other sections See chapter 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling	Wear personal protective equipment. Provide appropriate exhaust ventilation at machinery. Keep away from sources of ignition - No smoking. Vapours are heavier than air and may spread along floors. Do not breathe vapours/dust. Wash hands and exposed skin before eating, drinking or smoking and after work. Remove contaminated clothing and shoes.
7.2. Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with food.
7.3. Specific end use(s)	Use only in accordance with our recommendations.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.
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acetone (CAS 67-64-1)

EU - Occupational Exposure (2000/39/EC) - First List of Indicative Occupational Exposure Limit Values - TWAs	500 ppm TWA 1210 mg/m ³ TWA
Ireland - Occupational Exposure Limits - TWAs	500 ppm TWA 1210 mg/m ³ TWA
Ireland - Occupational Exposure Limits - STELs	1500 ppm STEL (calculated) 3630 mg/m ³ STEL (calculated)
United Kingdom - Workplace Exposure Limits (WELs) - STELs	1500 ppm STEL 3620 mg/m ³ STEL
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	500 ppm TWA 1210 mg/m ³ TWA

butanone (CAS 78-93-3)

EU - Occupational Exposure (2000/39/EC) - First List of Indicative Occupational Exposure Limit Values - TWAs	200 ppm TWA 600 mg/m ³ TWA
EU - Occupational Exposure (2000/39/EC) - First List of Indicative Occupational Exposure Limit Values - STELs	300 ppm STEL 900 mg/m ³ STEL
Ireland - Occupational Exposure Limits - TWAs	200 ppm TWA 600 mg/m ³ TWA
Ireland - Occupational Exposure Limits - STELs	300 ppm STEL 900 mg/m ³ STEL
United Kingdom - Workplace	300 ppm STEL

Exposure Limits (WELs) - STELs	899 mg/m ³ STEL
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	200 ppm TWA
ethyl acetate (CAS 141-78-6)	600 mg/m ³ TWA
Ireland - Occupational Exposure Limits - TWAs	200 ppm TWA
Ireland - Occupational Exposure Limits - STELs	400 ppm STEL
United Kingdom - Workplace Exposure Limits (WELs) - STELs	400 ppm STEL
United Kingdom - Workplace Exposure Limits (WELs) - TWAs	200 ppm TWA

8.2. Exposure controls

Occupational exposure controls Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

Respiratory protection In case of good ventilation no personal respiratory protective equipment required. In case of insufficient ventilation wear suitable respiratory equipment. Suitable respiratory equipment: ABEK-filter ABEK-P3-filter Respirator with filter for organic vapour

Hand protection Gloves made of Chloroprene. Protective gloves complying with EN 374. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). The exact break through time can be obtained from the protective glove producer and this has to be observed. Do not wear leather gloves. Do not wear cotton gloves.

Eye protection Safety glasses with side-shields conforming to EN166.

Skin and body protection Long sleeved clothing.

Thermal hazards No special measures required.

Environmental exposure controls Dispose of waste or used sacks/containers according to local regulations.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid.
Colour	Light yellow.
Odour	Acetone.
Odour Threshold	No information available.
pH:	No information available.
Melting point/range:	No information available.
Boiling point/range:	55°C
Flash point:	-19°C
Evaporation Rate:	No information available.
Flammability:	No information available.

Explosion limits:	13% / 1.8% v/v
Vapour pressure:	233 mbar (20°C)
Vapor density:	No information available.
Relative density:	0.87 g/cm ³ (20°C)
Water solubility:	partly miscible.
Partition coefficient (n-octanol/water):	No information available.
Autoignition temperature:	No information available.
Decomposition temperature:	No information available.
Viscosity:	2 Pa*s (20°C)
Combustion/explosion hazards:	liquid, flammable
Oxidizing properties:	None

9.2. Other information

General Product Characteristics No data available.

10. Stability and reactivity

10.1. Reactivity	No hazards to be specially mentioned.
10.2. Chemical stability	Stable up to approximately 55 °C.
10.3. Possibility of hazardous reactions	No hazards to be specially mentioned.
10.4. Conditions to avoid	Heat, flames and sparks.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None reasonably foreseeable.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Information given is based on data on the components and the toxicology of similar products. acetone; propan-2-one; propanone (CAS 67-64-1) Inhalation LC50 Rat = 50100 mg/m ³ 8 h(OECD_SIDS) Oral LD50 Rat = 5800 mg/kg (NLM_CIP) butanone; ethyl methyl ketone (CAS 78-93-3) Dermal LD50 Rabbit = 5000 mg/kg (JAPAN_GHS) Inhalation LC50 Rat = 11700 ppm 4 h(JAPAN_GHS) Oral LD50 Rat = 2483 mg/kg (JAPAN_GHS) ethyl acetate (CAS 141-78-6) Inhalation LC50 Mouse = 1500 ppm 4 h(NZ_CCID) Dermal LD50 Rabbit > 18000 mg/kg (JAPAN_GHS) Oral LD50 Rat = 5620 mg/kg (NLM_CIP)
Skin corrosion/irritation	None.

Serious eye damage/eye irritation	Irritating to eyes.
Respiratory / Skin Sensitisation	May cause sensitisation by skin contact.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Germ cell mutagenicity	Contains no ingredient listed as a mutagen.
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction.
Specific target organ toxicity (single exposure)	Narcotic effects
Specific target organ toxicity (repeated exposure)	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Human experience	No data is available on the product itself.
Information on likely routes of exposure	Skin contact. Inhalation.
Symptoms related to the physical, chemical and toxicological characteristics	Drowsiness Vertigo Causes headache, drowsiness or other effects to the central nervous system.
Delayed and immediate effects and also chronic effects from short and long term exposure	Tiredness

12. Ecological information

12.1. Toxicity	No data is available on the product itself.
acetone (CAS 67-64-1) Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Oncorhynchus mykiss: 4.74 - 6.33 mL/L (EPA) 96 h LC50 Pimephales promelas: 6210 - 8120 mg/L [static] (IUCLID) 96 h LC50 Lepomis macrochirus: 8300 mg/L (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	48 h EC50 Daphnia magna: 10294 - 17704 mg/L [Static] (EPA) 48 h EC50 Daphnia magna: 12600 - 12700 mg/L (IUCLID)
butanone (CAS 78-93-3) Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Pimephales promelas: 3130 - 3320 mg/L [flow-through] (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	48 h EC50 Daphnia magna: >520 mg/L (IUCLID) 48 h EC50 Daphnia magna: 5091 mg/L (IUCLID) 48 h EC50 Daphnia magna: 4025 - 6440 mg/L [Static] (EPA)
ethyl acetate (CAS 141-78-6) Ecotoxicity - Freshwater Fish - Acute Toxicity Data	96 h LC50 Pimephales promelas: 220 - 250 mg/L [flow-through] (EPA) 96 h LC50 Oncorhynchus mykiss: 484 mg/L [flow-through] (IUCLID) 96 h LC50 Oncorhynchus mykiss: 352 - 500 mg/L [semi-static] (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	48 h EC50 Daphnia magna: 560 mg/L [Static] (EPA)

12.2. Persistence and degradability	No information available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
12.6. Other adverse effects	No data available.

13. Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of as hazardous waste in compliance with local and national regulations. Can be incinerated, when in compliance with local regulations. 080400 - wastes from MFSU of adhesives and sealants (including waterproofing products)
Contaminated packaging	Dispose of as unused product.

14. Transport information

ADR/RID	UN 1133. Proper shipping name: ADHESIVES containing flammable liquid (acetone; propan-2-one; propanone). Class 3. Packing group II. ADR/RID-Labels 3. Classification code F1. Hazard identification no. 33. Limited quantity 5 L. Excepted quantity E2. Tunnel restriction code D/E
IMDG	UN 1133. Proper shipping name: ADHESIVES, containing flammable liquid (acetone; propan-2-one; propanone). Class 3. Packing group II. IMDG-Labels 3. Limited quantity 5 L. Excepted quantity E2. EmS F-E, S-D. Marine pollutant: No.

IATA	<p>UN 1133. Proper shipping name: Adhesives, containing flammable liquid (acetone; propan-2-one; propanone). Class 3. Packing group II. IATA label 3. Packing instruction (passenger aircraft): 353 (5 L). Packing instruction (LQ): Y341 (1 L). Packing instruction (cargo aircraft): 364 (60 L).</p>
Inland navigation ADN	<p>UN 1133. Proper shipping name: ADHESIVES containing flammable liquid (acetone; propan-2-one; propanone). Class 3. Packing group II. ADN labels 3. Classification code F1. Limited quantity 5 L. Excepted quantity E2.</p>
Further Information	None.

15. Regulatory information

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

Regulatory Information acetone (CAS 67-64-1)	None.
EU - REACH (1907/2006) - List of Registered Substances	Present
butanone (CAS 78-93-3)	
EU - REACH (1907/2006) - List of Registered Substances	Present
ethyl acetate (CAS 141-78-6)	
EU - REACH (1907/2006) - List of Registered Substances	Present

15.2. Chemical safety assessment A Chemical Safety Assessment is not required for this substance.

16. Other information

Revision Note	This data sheet contains changes from the previous version in section(s): 1, 16
Key or legend to abbreviations and acronyms	<p>CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS) DSD/DPD: Classification according to EU Directives 67/548/EEC or 1999/45/EC MAK: Occupational exposure limit. TWA: time weighted average</p>
Key literature references and sources for data	Information taken from reference works and the literature.

Classification procedure	Classification according to EU Directives 67/548/EEC or 1999/45/EC. Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP).
Full text of phrases referred to under sections 2 and 3	EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.
Training advice	The rules which cover amongst other things the requirement for ventilation, protective clothing, personal protective equipment etc. can be obtained from the National Occupational Health and Safety Board.
Further information	Made in: Switzerland Habasit AG Römerstrasse 1 4153 Reinach/BL, Switzerland Phone: +41 (0)61 715 15 15 (Mo - Fr, 7.30h - 17h) SDS info: product.safety@habasit.com
Instructions for use	For industrial application only.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.