



KÖMMERLING

SAFETY DATA SHEET CILBOND 65W

1. Identification

Product identifier

Product name CILBOND 65W

Recommended use of the chemical and restrictions on use

Application Adhesive.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier Kömmerring UK Ltd
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Bamber Bridge
Preston, Lancashire
PR5 8AQ United Kingdom
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+44 (0)1772 315853
sds@cilbond.com

Emergency telephone number

Emergency telephone +44(0)7778 029192

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 STOT SE 1 - H370

Environmental hazards Not Classified

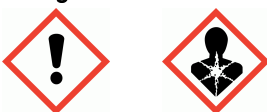
Human health May irritate eyes and skin. Prolonged skin contact may cause redness and irritation.

Environmental The product is not expected to be hazardous to the environment.

Physicochemical Not considered to be a significant hazard due to the small quantities used. When handled correctly, undamaged units represent no danger.

Label elements

Pictogram



Signal word Danger

Hazard statements H302 Harmful if swallowed.
H370 Causes damage to organs .

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Precautionary statements	<p>P260 Do not breathe vapor/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P301+P310 If swallowed: Immediately call a poison center/doctor.</p> <p>P308+P311 If exposed or concerned: Call a poison center or doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P330 Rinse mouth.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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Contains methanol

3. Composition/information on ingredients

Mixtures

methanol	5-10%
CAS number: 67-56-1	
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	
ethanol	1-5%
CAS number: 64-17-5	
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	
1-ethoxypropan-2-ol	1-5%
CAS number: 1569-02-4	
Classification	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
phosphoric acid ... %, orthophosphoric acid ... %	<1%
CAS number: 7664-38-2	
Classification	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

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General information	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. If in doubt, get medical attention promptly.
Ingestion	Remove affected person from source of contamination. Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Move affected person to fresh air at once. Get medical attention immediately.
Skin Contact	Remove affected person from source of contamination. Rinse immediately with plenty of water. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

General information	Treat symptomatically.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	The product is not flammable.
Unsuitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	None known.

Advice for firefighters

Protective actions during firefighting	Move containers from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
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Environmental precautions

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Environmental precautions The product components are not classified as environmentally hazardous. The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment. To prevent release, place container with damaged side up. Contain spillage with sand, earth or other suitable non-combustible material.

Methods and material for containment and cleaning up

Methods for cleaning up Contain spillage with sand, earth or other suitable non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

Reference to other sections For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling. Avoid release to the environment. Avoid contact with skin and eyes.

Advice on general occupational hygiene No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Stir Thoroughly before and during use. Refer to SDS.

Storage class Unspecified storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

methanol

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 262 mg/m³

Short-term exposure limit (15-minute): ACGIH 250 ppm 328 mg/m³

Sk

Long-term exposure limit (8-hour TWA): OSHA 200 ppm 260 mg/m³

ethanol

Long-term exposure limit (8-hour TWA): OSHA 1000 ppm 1900 mg/m³

Short-term exposure limit (15-minute): ACGIH 1000 ppm 1880 mg/m³

A3

phosphoric acid ... %, orthophosphoric acid ... %

Long-term exposure limit (8-hour TWA): OSHA 1 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³

Short-term exposure limit (15-minute): ACGIH 3 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

Sk = Danger of cutaneous absorption.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

methanol (CAS: 67-56-1)

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Immediate danger to life and health 6000 ppm

ethanol (CAS: 64-17-5)

Immediate danger to life and health 3300 ppm

phosphoric acid ... %, orthophosphoric acid ... % (CAS: 7664-38-2)

Immediate danger to life and health 1000 mg/m³

Exposure controls

Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapor or mist.

Personal protection

Provide eyewash station and safety shower.

Eye/face protection

Tight-fitting safety glasses.

Hand protection

Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. Do not eat, drink or smoke when using this product.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P2.

Environmental exposure controls

Keep container tightly sealed when not in use. Store in a demarcated banded area to prevent release to drains and/or watercourses.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Emulsion.
Color	Milky.
Odor	Slight pungent.
Melting point	-10°C
Initial boiling point and range	>78°C @ 760 mm Hg
Vapour pressure	<25 mm Hg @ 25°C
Vapour density	(Air=1) <1
Relative density	0.95-1.05 @ 25°C

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Solubility(ies) Soluble in water.

Other information None.

10. Stability and reactivity

Reactivity There are no known reactivity hazards associated with this product.

Stability Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous reactions None known.

Conditions to avoid Avoid heat. Avoid freezing.

Materials to avoid Avoid contact with strong oxidizing agents. Avoid contact with strong reducing agents.

Hazardous decomposition products Heating may cause a fire. Harmful gases or vapors. Carbon monoxide (CO). Carbon dioxide (CO₂).

11. Toxicological information

Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 1,175.57

Acute toxicity - dermal

ATE dermal (mg/kg) 3,875.42

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 38.75

Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

Respiratory sensitization

Respiratory sensitisation No information available.

Skin sensitization

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Genotoxicity - in vivo No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

Target organs No specific target organs known.

Specific target organ toxicity - repeated exposure

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Target organs	No specific target organs known.
<u>Aspiration hazard</u> Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.
General information	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
Inhalation	Vapor from this product may be hazardous by inhalation.
Ingestion	Harmful: possible risk of irreversible effects if swallowed.
Skin Contact	Harmful: possible risk of irreversible effects in contact with skin.
Eye contact	May cause eye irritation.
Acute and chronic health hazards	No specific long-term effects known.
Route of entry	Skin absorption Ingestion
Target Organs	No specific target organs known.
Medical Symptoms	No specific symptoms known.

12. Ecological Information

Ecotoxicity	The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.
<u>Toxicity</u> Toxicity	Not known.
<u>Persistence and degradability</u> Persistence and degradability	The degradability of the product is not known.
<u>Bioaccumulative potential</u> Bio-Accumulative Potential	No data available on bioaccumulation.
<u>Mobility in soil</u> Mobility	The product is soluble in water.
Adsorption/desorption coefficient	Not known.
Henry's law constant	Not known.
Surface tension	Not known.
<u>Results of PBT and vPvB assessment</u> Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
<u>Other adverse effects</u> Other adverse effects	Not known.

13. Disposal considerations

Waste treatment methods

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General information	When handling waste, the safety precautions applying to handling of the product should be considered. The generation of waste should be minimized or avoided wherever possible.
Disposal methods	Waste is classified as hazardous waste. Dispose of waste product or used containers in accordance with local regulations

14. Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
Road transport notes	Avoid releasing into the environment.
Sea transport notes	Do not release into the environment.
<u>UN Number</u>	Not applicable.
<u>UN proper shipping name</u>	Not applicable.
<u>Transport hazard class(es)</u>	No transport warning sign required.
<u>Packing group</u>	Not applicable.
<u>Environmental hazards</u>	
Environmentally Hazardous Substance	No.
<u>Special precautions for user</u>	Not applicable.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision. Change of Company Name
Issued by	HS&E Manager.
Revision date	10/7/2015
Revision	1
Supersedes date	7/24/2015
SDS No.	4585
SDS status	Approved.

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Hazard statements in full

H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
H370 Causes damage to organs .

STIR STIR BEFORE USE

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.