



KÖMMERLING

SAFETY DATA SHEET CILBOND 62W

1. Identification

Product identifier

Product name CILBOND 62W

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
217 Walton Summit Road
Bamber Bridge
Preston, Lancashire
PR5 8AQ United Kingdom
+44 (0)1772 322888
+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 Skin Sens. 1 - H317 Repr. 2 - H361d

Environmental hazards Aquatic Chronic 2 - H411

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

Environmental The product contains a substance which may cause long-term adverse effects in the environment.

Physicochemical Not considered to be a significant hazard due to the small quantities used.

Label elements

Pictogram



Signal word

Warning

CILBOND 62W

phenol	<1%
CAS number: 108-95-2	
Classification	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 1 - H330	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Muta. 2 - H341	
STOT RE 2 - H373	
formaldehyde ... %	<1%
CAS number: 50-00-0	
Classification	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 2 - H330	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Muta. 2 - H341	
Carc. 1B - H350	
STOT SE 3 - H335	

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

4. First-aid measures

Description of first aid measures

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.

CILBOND 62W

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.
-----------------------------	------------------------

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.
-----------------------------	---

Environmental precautions

Environmental precautions	Use appropriate containment to avoid environmental contamination. To prevent release, place container with damaged side up.
----------------------------------	---

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

CILBOND 62W

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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

zinc oxide

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
 Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
 Short-term exposure limit (15-minute): ACGIH 10 mg/m³ respirable fraction
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ fume
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

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

Titanium Dioxide

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³
 A4
 Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Carbon Black

Long-term exposure limit (8-hour TWA): OSHA 3.5 mg/m³
 Long-term exposure limit (8-hour TWA): ACGIH 3 mg/m³ inhalable fraction
 A3

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

phenol

Long-term exposure limit (8-hour TWA): OSHA 5 ppm 19 mg/m³
 Sk
 Long-term exposure limit (8-hour TWA): ACGIH 5 ppm 19 mg/m³
 A4, Sk

formaldehyde ... %

Short-term exposure limit (15-minute): OSHA 2 ppm
 Ceiling exposure limit: ACGIH 0.3 ppm 0.37 mg/m³
 A2, RSens

OSHA = Occupational Safety and Health Administration.
 ACGIH = American Conference of Governmental Industrial Hygienists.
 A4 = Not Classifiable as a Human Carcinogen.
 Sk = Danger of cutaneous absorption.
 A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.
 A2 = Suspected Human Carcinogen.
 RSens = Respiratory sensitizer.

zinc oxide (CAS: 1314-13-2)

CILBOND 62W

Immediate danger to life and health 500 mg/m³

ethanol (CAS: 64-17-5)

Immediate danger to life and health 3300 ppm

Titanium Dioxide (CAS: 13463-67-7)

Immediate danger to life and health 5000 mg/m³

Carbon Black (CAS: 1333-86-4)

Immediate danger to life and health 1750 mg/m³

Amorphous Silica (CAS: 7631-86-9)

Immediate danger to life and health 3000 mg/m³

methanol (CAS: 67-56-1)

Immediate danger to life and health 6000 ppm

phenol (CAS: 108-95-2)

Immediate danger to life and health 250 ppm

formaldehyde ... % (CAS: 50-00-0)

Immediate danger to life and health 20 ppm

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.

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.

CILBOND 62W

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 bunded area to prevent release to drains and/or watercourses.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Grey.
Odor	Slight.
Melting point	-10°C
Initial boiling point and range	100°C @ 760 mm Hg
Vapour pressure	15 mm Hg @ 25°C
Vapour density	(Air=1) <1.0
Relative density	1.10-1.18 @ 25°C
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.
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 (CO ₂).

11. Toxicological information

Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 25,000.0

Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

Respiratory sensitization

CILBOND 62W

Respiratory sensitisation	No information available.
<u>Skin sensitization</u>	
Skin sensitisation	No information available.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	No information available.
Genotoxicity - in vivo	No information available.
<u>Carcinogenicity</u>	
Carcinogenicity	No information available.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	No information available.
<u>Specific target organ toxicity - single exposure</u>	
Target organs	No specific target organs known.
<u>Specific target organ toxicity - repeated exposure</u>	
Target organs	No specific target organs known.
<u>Aspiration hazard</u>	
Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.
<u>General information</u>	
General information	No specific health hazards known.
Inhalation	Unlikely to be hazardous by inhalation because of the low vapor pressure of the product at ambient temperature.
Ingestion	May cause internal injury.
Skin Contact	Skin irritation should not occur when used as recommended.
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 contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic 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>	

CILBOND 62W

Mobility The product is soluble in water.

Adsorption/desorption coefficient Not known.

Henry's law constant Not known.

Surface tension Not known.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Other adverse effects Not known.

13. Disposal considerations

Waste treatment methods

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

Road transport notes Avoid releasing into the environment.

Sea transport notes Do not release into the environment.

UN Number

UN No. (DOT) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ZINC OXIDE)

Proper shipping name (DOT) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS trizinc bis(orthophosphate), zinc oxide)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS trizinc bis(orthophosphate), zinc oxide)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS trizinc bis(orthophosphate), zinc oxide)

Transport hazard class(es)

IMDG Class 9

ICAO class/division 9

CILBOND 62W**Transport labels****Packing group**

DOT pack group	III
IMDG packing group	III
ICAO packing group	III

Environmental hazards**Environmentally Hazardous Substance****Special precautions for user**

EmS F-A, S-F

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	8/6/2015
SDS No.	4655
SDS status	Approved.

CILBOND 62W

Hazard statements in full

H225 Highly flammable liquid and vapor.
H228 Flammable solid.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H361d Suspected of damaging the unborn child.
H370 Causes damage to organs .
H373 May cause damage to organs through prolonged or repeated exposure.
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.

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.