



SAFETY DATA SHEET

CILBOND 48

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME CILBOND 48

PRODUCT NO. CB48MASTER
CB48-5TH
CB48-10
CB48-25

APPLICATION Adhesive

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2 HAZARDS IDENTIFICATION

Highly flammable.

Irritating to eyes.

Possible risk of harm to the unborn child.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

CLASSIFICATION Rep 3;R63. Xi;R36. F;R11. R66, R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|----------|-----------|-----------|---------|---|
| BUTANONE | 201-159-0 | 78-93-3 | 60-70% | F;R11 Xi;R36 R66 R67 |
| TOLUENE | 203-625-9 | 108-88-3 | 5-10% | F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67 |
| XYLENE | 215-535-7 | 1330-20-7 | 5-10% | R10 Xn;R20/21 Xi;R38 |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once.

Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once.

For breathing difficulties oxygen may be necessary.

If breathing stops, provide artificial respiration.

Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING!

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Remove victim immediately from source of exposure.

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Immediately rinse mouth and provide fresh air.

Get medical attention immediately!

NOTE! Keep affected person away from heat, sparks and flames!

SKIN CONTACT

Remove affected person from source of contamination.

Wash the skin immediately with soap and water.

Get medical attention if irritation persists after washing.

EYE CONTACT

Remove victim immediately from source of exposure.

Make sure to remove any contact lenses from the eyes before rinsing.

Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes.

Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using:

Foam.

Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

Containers close to fire should be removed or cooled with water.

Cool containers exposed to flames with water until well after the fire is out.

Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

HIGHLY FLAMMABLE!

Vapours are heavier than air and may spread near ground to sources of ignition.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

Stop leak if possible without risk.

Provide ventilation and confine spill. Do not allow runoff to sewer.

Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Static electricity and formation of sparks must be prevented.

Keep away from heat, sparks and open flame.

Use explosion proof electric equipment.

Avoid spilling, skin and eye contact.

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Keep in original container.

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

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|----------|-----|-------------|---------------|-------------|---------------|
| BUTANONE | WEL | 200 ppm(Sk) | 600 mg/m3(Sk) | 300 ppm(Sk) | 899 mg/m3(Sk) |
| TOLUENE | WEL | 50 ppm(Sk) | 191 mg/m3(Sk) | 150 ppm(Sk) | 574 mg/m3(Sk) |
| XYLENE | WEL | 50 ppm(Sk) | 220 mg/m3(Sk) | 100 ppm(Sk) | 441 mg/m3(Sk) |

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PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves made of:
Rubber, neoprene or PVC.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

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

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA!

Wash at the end of each work shift and before eating, smoking and using the toilet.

Promptly remove any clothing that becomes contaminated.

When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------------|---------------------------------|
| APPEARANCE | Volatile Liquid |
| COLOUR | Clear |
| ODOUR | Characteristic of solvents |
| SOLUBILITY | Miscible with Organic solvents. |
| BOILING POINT (°C) | 78@ 760 mm Hg |
| MELTING POINT (°C) | <-50 |
| RELATIVE DENSITY | 0.85-0.90@ 25°C |
| VAPOUR DENSITY (air=1) | >1 |
| VAPOUR PRESSURE | 100 mm Hg @25°C |
| EVAPORATION RATE | 0.6 Ref BuAc=1 |
| FLASH POINT (°C) | -5-0 Method CC (Closed cup). |
| AUTO IGNITION TEMPERATURE (°C) | >250 |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat.

Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapour from this chemical can be hazardous when inhaled.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT

Irritation of eyes and mucous membranes.

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12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



| | |
|----------------------|-----------------------------|
| UK ROAD CLASS | 3 |
| PROPER SHIPPING NAME | ADHESIVE |
| UN NO. ROAD | 1133 |
| ADR CLASS NO. | 3 |
| ADR CLASS | Class 3: Flammable liquids. |
| ADR PACK GROUP | II |
| HAZARD No. (ADR) | 33 |
| HAZCHEM CODE | 3 [Y] E |
| CEFIC TEC(R) NO. | 30GF1-I+II |
| UN NO. SEA | 1133 |
| IMDG CLASS | 3 |
| IMDG PACK GR. | II |
| EMS | F-E, S-D |
| MARINE POLLUTANT | No. |
| UN NO. AIR | 1133 |
| AIR CLASS | 3 |
| AIR PACK GR. | II |

15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable

CONTAINS TOLUENE

RISK PHRASES

| | |
|-----|---|
| R11 | Highly flammable. |
| R36 | Irritating to eyes. |
| R63 | Possible risk of harm to the unborn child. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |

SAFETY PHRASES

| | |
|-----|---|
| S16 | Keep away from sources of ignition - No smoking. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |

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| | |
|--------|---|
| S51 | Use only in well-ventilated areas. |
| S36/37 | Wear suitable protective clothing and gloves. |
| S60 | This material and its container must be disposed of as hazardous waste. |

UK REGULATORY REFERENCES

Petroleum (Consolidation) Act, as amended 1984 SI 1244.
 Highly Flammable Liquid Regulations 1972.

ENVIRONMENTAL LISTING

No listing noted.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.
 Dangerous Preparations Directive 1999/45/EC.
 Dangerous Substance Directive 67/548/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.
 Control of Substances Hazardous to Health.
 Export of Dangerous Chemicals Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.
 Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.
 Introduction to Local Exhaust Ventilation HS(G)37.
 CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES

| | |
|------------------------------|--------------------|
| N/A | |
| REVISION DATE | JUL2008 |
| REV. NO./REPL. SDS GENERATED | 4-0 |
| SDS NO. | MMFF ISSUE 3 REV 0 |

RISK PHRASES IN FULL

| | |
|--------|---|
| R10 | Flammable. |
| R11 | Highly flammable. |
| R20/21 | Harmful by inhalation and in contact with skin. |
| R36 | Irritating to eyes. |
| R38 | Irritating to skin. |
| R48/20 | Harmful: danger of serious damage to health by prolonged exposure through inhalation. |
| R63 | Possible risk of harm to the unborn child. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |

DISCLAIMER

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.