

Paraquartz BC (PQSDS 02)

Product Ref: (DsC16-1111)
Issue No: 01

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

DIPHENYL CRESYL PHOSPHATE PREPARATION 1-10%

CAS: 26444-49-5

[N] R51/53

ISOPHORONDIISOCYANATE HOMOPOLYMER 1-10%

CAS: 53880-05-0

[Sens.] R43

2-METHOXY-1-METHYLETHYL ACETATE 1-10%

EINECS: 203-603-9 CAS: 108-65-6

[-] R10; [Xi] R36

3-ISOCYANATOMETHYL-3,5,5-RIMETHYLCYCLOHEXYLISOCYANATE <1%

EINECS: 223-861-6 CAS: 4098-71-9

[T] R23; [Xi] R36/37/38; [Sens.] R42/43; [N] R51/53

PROPYL ACETATE 1-10%

EINECS: 203-686-1 CAS: 109-60-4

[F] R11; [Xi] R36; [-] R66; [-] R67

HAZARDS IDENTIFICATION

MAIN HAZARDS

Flammable. Harmful by inhalation. May cause sensitisation by inhalation and skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

FIRST-AID MEASURES (SYMPTOMS)

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Onset of symptoms may be delayed.

FIRST-AID MEASURES (ACTIONS)

Skin contact:	Remove from skin with paper or towel. Wash effected area thoroughly with soap and water. Seek medical advice if symptoms persist.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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FIRE-FIGHTING MEASURES

Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure hazards:	In combustion emits toxic fumes.
Protection of fire fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

HANDLING AND STORAGE

Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Persons with a history of skin sensitisation problems should not be employed in a situation where skin contact with this product could occur, nor should those with asthma or similar disorders be exposed to the vapour or spray mist.
Storage conditions:	Store in cool, well-ventilated area. Keep container tightly closed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace exposure limits

WEL (8 hr TWA):	0.02mg/m ³
WEL (15 min STEL):	0.07mg/m ³
Hazardous ingredients:	DIPHENYL CRESYL PHOSPHATE PREPARATION WEL (8 hr TWA): 3 mg/m ³ WEL (15 min STEL): 6 mg/m ³ ISOPHORONDIISOCYANATE HOMOPOLYMER WEL (8 hr TWA): 0.02 mg/m ³ WEL (15 min STEL): 0.07 mg/m ³ 2-METHOXY-1-METHYLETHYL ACETATE WEL (8 hr TWA): 274 mg/m ³ WEL (15 min STEL): 822 mg/m ³ PROPYL ACETATE WEL (8 hr TWA): 849 mg/m ³ WEL (15 min STEL): 1060 mg/m ³

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	If exposure levels are likely to be exceeded, use a full-face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high-level exposures, compressed airline breathing apparatus should be used.
Hand protection:	PVC gloves. Nitrile gloves. Neoprene gloves.
Eye protection:	Safety goggles. Ensure eye bath is to hand.
Skin protection:	Impermeable protective clothing.

Langley Waterproofing Systems Limited

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PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid
Colour:	Red
Odour:	Characteristic odour
Evaporation rate:	Moderate
Oxidising:	Non-oxidising (by EC criteria)
Viscosity:	Viscous
Boiling point/range °C:	146
Flammability limits %:	lower: 1.5 upper: 10.8
Flash point °C:	44
Auto flammability °C:	315
Relative density:	1.46

STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes.

TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENTS

2-METHOXY-1-METHYLETHYL ACETATE
IPR MUS LD50 750 mg/kg
ORL RAT LD50 8532 mg/kg
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLISOCYANATE
ORL MUS LDLO 2500 µl/kg
ORL RAT LD50 4825 mg/kg
PROPYL ACETATE
ORL MUS LD50 8300 mg/kg
ORL RAT LD50 9370 mg/kg

CHRONIC TOXICITY

May cause sensitisation by skin contact.

ROUTES OF EXPOSURE

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

ECOLOGICAL INFORMATION

Mobility:	Volatile.
Persistence and degradability:	Biodegradable in part only.
Bio accumulative potential:	No data available.

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DISPOSAL CONSIDERATIONS

Disposal operations: Arrange for disposal by a licensed waste disposal company
Disposal of packaging: Arrange for disposal by a licensed waste disposal company
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

TRANSPORT INFORMATION

ADR / RID

UN no: 1263 ADR Class: 3
Packing group: III Classification code: F1
Shipping name: PAINT
Labelling: 3 Hazard ID no: 30



IMDG / IMO

UN no: 1263 Class: 3
Packing group: III EmS: F-E, S-E*
Marine pollutant:
Labelling: 3

IATA / ICAO

UN no: 1263 Class: 3
Packing group: III
Packing instructions: 309(P&CA); 310(CAO)
Labelling: 3

REGULATORY INFORMATION

HAZARD SYMBOLS

Harmful.



RISK PHRASES

R10: Flammable.
R20: Harmful by inhalation.
R42/43: May cause sensitisation by inhalation and skin contact.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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SAFETY PHRASES

- S23: Do not breathe fumes.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S24/25: Avoid contact with skin and eyes.
S36/37: Wear suitable protective clothing and gloves.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.
S29/35: Do not empty into drains; dispose of this material and its container in a safe way.

PRECAUTIONARY PHRASES

Contains isocyanates. See information supplied by the manufacturer.

DIPHENYL CRESYL PHOSPHATE PREPARATION; ISOPHORONDIISOCYANATE
HOMOPOLYMER; 3-ISOCYANATOMETHYL-3,5,5- TRIMETHYLCYCLOHEXYLISOCYANATE

NOTE

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

OTHER INFORMATION**RISK PHRASES USED IN S.3**

- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R43: May cause sensitisation by skin contact.
R10: Flammable.
R36: Irritating to eyes.
R23: Toxic by inhalation.
R36/37/38: Irritating to eyes, respiratory system and skin.
R42/43: May cause sensitisation by inhalation and skin contact.
R11: Highly flammable.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

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. The information contained in this data sheet does not constitute an assessment of workplace risk as required by current legislation. Whilst every care is taken to see that the information is correct and up to date, it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

For further information, contact Technical Services at Daventry, Northants. Telephone (01327) 704778.

This data sheet cancels and supersedes all previous editions. The information contained in this data sheet is based on current knowledge and experience. The purpose of this data sheet is to describe the specific product in terms of safety requirements. It does not constitute a warranty with regard to the product's properties and/or performance in use.

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