

**PRODUCT** **Q-Bond****Section 1****PRODUCT AND COMPANY IDENTIFICATION**

<b>Identity</b>	: Q-Bond adhesive
<b>Product Code</b>	: QB2, QB3
<b>Recommended use</b>	: General purpose adhesive
<b>Manufacturers Name</b>	: Olympus Imports Pty Ltd t/a Q-bond
<b>Address</b>	: 8 Foden Street, Aureus, Randfontein, 1760, South Africa : PO Box 3223, Randgate, Randfontein, 1763, South Africa
<b>Supplier</b>	: Autobody Jobbers Warehouse Inc
<b>Emergency Telephone Number</b>	: Mobile:Chemtrec 800 424 9300 / www.qbond.net
<b>Address</b>	: 245 Park Ave, Paterson, New Jersey, 07501
<b>Fax Number</b>	: 1 973 225 9449

**Section 2****HAZARDS IDENTIFICATION**

<b>Classification</b>	: Not classified as dangerous goods.
<b>Dangerous goods</b>	: Not required (Concentration below cut-off limits for Xn substances).
<b>Risk Symbols</b>	Harmful/Irritant



<b>Risk Phrases</b>	: See section 15 - Regulatory
<b>Physical/chemical hazards</b>	: No specific hazard.
<b>Human health hazard</b>	: Bonds to skin and eyes in seconds.
<b>Environmental health hazard</b>	: No specific hazard.

**- NFPA ratings (scale 0 - 4)****- HMIS-ratings (scale 0 - 4)**

**PRODUCT** **Q-Bond****Section 3****COMPOSITION/INFORMATION ON COMPONENTS****Substance/Preparation** : Preparation**Chemical Nature** : Liquid**Hazardous Components**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration</u>	<u>EU Classification</u>
Ethyl Cyanoacrylate	7085-85-0	99.8 %	Not listed
Hydroquinone	123-31-9	0.2 %	Xn; R20-51/53

**Section 4****FIRST AID MEASURES****Eye contact** : Rinse immediately with plenty of water for at least 15 minutes, seek medical attention.**Skin contact** : Rinse off with water.**Ingestion** : Wash out mouth with water. Do not induce vomiting. Administer 300 ml of water or milk to dilute stomach contents. Seek medical attention.**Inhalation** : Move victim to fresh air. Seek medical attention if symptoms persist.**Section 5****FIRE-FIGHTING MEASURES****Suitable extinguishing media** : All media. Water and foam may cause some frothing. Controlled frothing may restrict and inhibit oxygen supply to the fire.**Special protective equipment** : Self-contained breathing apparatus and protective suit.**Specific hazards** : Irritating and toxic fumes may be liberated in large fires.**Section 6****ACCIDENTAL RELEASE MEASURES****Personal precautions** : Avoid contact with skin, eyes and clothing.**Methods for cleaning up** : Collect dry and reacted material and dispose as ordinary waste.**Section 7****HANDLING AND STORAGE****Personal precautions** : Avoid contact with skin, eyes and clothing.**Methods for cleaning up** : Collect dry and reacted material and dispose as ordinary waste.

## PRODUCT

## Q-Bond

**Section 8****EXPOSURE CONTROL/PERSONAL PROTECTION****Exposure limits****Ethyl cyanoacrylate**: TWA – 0.2 ppm.  
: STEL – Not available.**Hydroquinone**: TWA – 2 mg/m<sup>3</sup>  
: STEL – Not available**Personal protective equipment****Eye protection**

: Goggles or face shield.

**Skin and body protection**

: No special requirements.

**Protective measures**

: No special requirements.

**Section 9****PHYSICAL AND CHEMICAL PROPERTIES****Physical state**

: Clear transparent liquid

**Colour**

: Colourless

**Odour**

: Sharp, irritating

**Initial boiling point**

: Approximately 150 deg. C

**Flash point**

: &gt;82 deg C.

**Specific gravity**

: 1.05

**Water solubility**

: Polymerises in water

**Vapour Pressure**

: &lt; 0.2 mm at 24 deg C.

**Vapour density**

: 3

**Viscosity**

: 2 – 32 CPS at 25 deg C

**Section 10****STABILITY AND REACTIVITY****Conditions to avoid**

: Stable under ordinary conditions of use and storage

**Materials to avoid**

: Water, alcohols, amines and alkalis.

**Hazardous decomposition products:** Irritating and toxic fumes in large fires**Hazardous Polymerization**

: Will occur when exposed to heat or incompatible materials.

**Section 11****TOXICOLOGICAL INFORMATION****Potential acute health effects****Inhalation**

: Long term exposure may lead to allergic rhinitis.

**Ingestion**

: Will bond to skin tongue and mucous membrane within seconds.

**Eye contact**

: Will bond to lids and eye surface within seconds. Can cause irritation,

: Corneal abrasion, loss of eyelashes and keratoconjunctivitis.

**Eyelids**

: May remain sealed for 1 to 4 days.

**Skin contact**

: Will bond to skin within seconds.

**Acute toxicity****Ethyl cyanoacrylate**

: LD50 5ml/kg rat

**Hydroquinone**

: LD50 130 mg/kg oral, rat

**Carcinogen rating****Ethyl cyanoacrylate**

: Not listed as a carcinogen.

**Hydroquinone**

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**PRODUCT** **Q-Bond**

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**Section 12****ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b> <b>Ethyl cyanoacrylate</b>	: No information available.
<b>Hydroquinone</b>	: Daphnia Magna (LC50) 96h 0.05 ppm.
<b>Persistence/ degradability</b> <b>Ethyl cyanoacrylate</b> <b>Hydroquinone</b>	: No information available. : BOD = 53% BCF – Does not concentrate in the food chain.

**Section 13****DISPOSAL CONSIDERATIONS**

<b>Product</b>	: Dispose as normal waste in accordance with Local State and Federal regulations.
<b>Containers</b>	: Dispose as normal waste in accordance with Local State and Federal regulations.
<b>Contaminated packaging</b>	: Dispose as normal waste in accordance with Local State and Federal regulations.

**Section 14****TRANSPORT INFORMATION**

<b>Road and rail transport</b>	: Not classified as dangerous goods.
<b>Sea transport (IMDG)</b>	: Not classified as dangerous goods.
<b>Air transport (IATA)</b>	: Not classified as dangerous goods.

**Section 15****REGULATORY INFORMATION**

<b>National legislation (South Africa)</b> <b>Hazardous substances</b>	: Occupational Health and Safety Act, Act 85 of 1995 - Regulations for hazardous chemical substances.
<b>Waste disposal</b>	: National Water Act, Act 36 of 1998
<b>Other regulations</b> <b>Hazard Symbols</b> <b>Risk phrases</b>	: Not required. : Cyanoacrylate. Danger. Bonds to skin and eyes in seconds. Keep out of reach of children.
<b>Product use</b>	: General purpose adhesive.

**Section 16****OTHER INFORMATION**

**16.1** This Safety Data Sheet has been prepared using data supplied by the manufacturers of the ingredients and summarises our best knowledge, at the date of issue, and of the health and safety information of the product and how to safely handle and use the product in the workplace. Since Q-Bond cannot anticipate or control the conditions under which the product may be used, each user must prior to usage, review this Safety Data Sheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Q-Bond.

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**PRODUCT** **Q-Bond**

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16.2 Original : May 2005  
Revised : May 2020

**Section 1****PRODUCT AND COMPANY IDENTIFICATION**

**Identity** : Q-Bond Black Powder  
**Product Code** : QB2  
**Recommended use** : Additive for Q-bond adhesive  
**Manufacturers Name** : Olympus Imports Pty Ltd t/a Q-bond  
**Address** : 8 Foden Street, Aureus, Randfontein, 1760, South Africa  
: PO Box 3223, Randgate, Randfontein, 1763, South Africa  
**Supplier** : Autobody Jobbers Warehouse Inc  
**Emergency Telephone Number** : Mobile: Chemtrec 800 424 9300 / www.qbond.net  
**Address** : 245 Park Ave, Paterson, New Jersey, 07501  
**Fax Number** : 1 973 225 9449

**Section 2****HAZARDS IDENTIFICATION**

**Classification**  
**Dangerous goods** : Not classified as dangerous goods.  
**Risk Symbols** : Not required  
**Risk Phrases** : Not required

**Physical/chemical hazards** : No specific hazard.  
**Human health hazard** : No specific hazard.  
**Environmental health hazard** : No specific hazard.

**- NFPA ratings (scale 0 - 4)****- HMIS-ratings (scale 0 - 4)**

**PRODUCT** **Q-Bond**

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**Section 3** **COMPOSITION/INFORMATION ON COMPONENTS**

**Substance/Preparation** : Preparation  
**Chemical Nature** : Dry Powder mixture

**Hazardous Components**

The product consists of metal oxide pigments and salts and contains no ingredients either listed as dangerous goods, or listed as EU classified substances.

**Section 4** **FIRST AID MEASURES**

**Eye contact** : Rinse with plenty of water. If irritation persists, seek medical attention.  
**Skin contact** : Not irritating to the skin. Gently brush away excess powder.  
**Ingestion** : No, or very low, oral toxicity. If discomfort occur, obtain medical attention.  
**Inhalation** : No adverse effects.

**Section 5** **FIRE-FIGHTING MEASURES****The product is not flammable or combustible**

**Suitable extinguishing media** : No restrictions.  
**Special protective equipment** : None.  
**Specific hazards** : None.

**Section 6** **ACCIDENTAL RELEASE MEASURES**

**Personal precautions** : Avoid formation of dust.  
**Environmental precautions** : No special precautions required.  
**Methods for cleaning up** : Collect material and dispose as ordinary waste.

**Section 7** **HANDLING AND STORAGE**

**Safe handling advice** : Prevent the formation of dust.  
**Storage Conditions** : Store in a dry, well ventilated area. Store away from incompatible materials such as water and acids.

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**PRODUCT** **Q-Bond****Section 8****EXPOSURE CONTROL/PERSONAL PROTECTION****Exposure limits**

No TWA or STEL listings for any of the ingredients.

**Personal protective equipment**

**Eye protection** : No special requirements.

**Skin and body protection** : No special requirements.

**Protective measures** : No special requirements.

**Section 9****PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state** : Dry powder

**Colour** : Black

**Odour** : None

**Initial boiling point** : Not applicable

**Flash point** : Not applicable.

**Specific gravity** : 3.4

**Water solubility** : Partially soluble in water

**Vapour Pressure** : Not applicable

**Melting Point** : No clearly defined melting point

**Section 10****STABILITY AND REACTIVITY**

**Conditions to avoid** : Stable under ordinary conditions of use and storage

**Materials to avoid** : Moisture and strong acids.

**Hazardous decomposition products:** Carbon dioxide in large fires.

**Hazardous Polymerization** : Does not occur.

**Section 11****TOXICOLOGICAL INFORMATION****Potential acute health effects**

**Inhalation** : No specific effects.

**Ingestion** : No specific effects.

**Eye contact** : No specific effects.

**Skin contact** : No specific effects.

**Acute toxicity** : No listed toxic effects for any of the ingredients.

**Carcinogen rating** : No listed carcinogenic ratings for any of the ingredients.

**Section 12****ECOLOGICAL INFORMATION**

**Ecotoxicity** : No listed aquatic toxic effects for any of the ingredients.

**Persistence/ degradability** : No BOD or BCF ratings available for any of the ingredients.

**Section 13****DISPOSAL CONSIDERATIONS**

**Product** : Dispose as normal waste in accordance with Local State and Federal regulations.

**Containers** : Dispose as normal waste in accordance with Local State and

**PRODUCT** **Q-Bond**

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Federal regulations.

**Contaminated packaging** : Dispose as normal waste in accordance with Local State and Federal regulations.**Section 14****TRANSPORT INFORMATION****Road and rail transport** : Not classified as dangerous goods.**Sea transport (IMDG)** : Not classified as dangerous goods.**Air transport (IATA)** : Not classified as dangerous goods.**Section 15****REGULATORY INFORMATION****National legislation (South Africa)****Hazardous substances**

: Occupational Health And Safety Act, Act 85 of 1995 - Regulations for hazardous chemical substances.

**Waste disposal**

: National Water Act, Act 36 of 1998

**Other regulations****Hazard Symbols**

: Not required.

**Risk phrases**

: Not required.

**Product use**

: Additive for Q-Bond adhesive.

**Section 16****OTHER INFORMATION**

**16.1** This Safety Data Sheet has been prepared using data supplied by the manufacturers of the ingredients and summarises our best knowledge, at the date of issue, and of the health and safety information of the product and how to safely handle and use the product in the workplace. Since Q-Bond cannot anticipate or control the conditions under which the product may be used, each user must prior to usage, review this Safety Data Sheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Q-Bond.

**16.2** Original : May 2005Revised : May 2020

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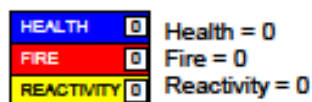
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**Section 1****PRODUCT AND COMPANY IDENTIFICATION**

<b>Identity</b>	: Q-Bond Grey Powder
<b>Product Code</b>	: QB2
<b>Recommended use</b>	: Additive for Q-bond adhesive
<b>Manufacturers Name</b>	: Olympus Imports Pty Ltd t/a Q-bond
<b>Address</b>	: 8 Foden Street, Aureus, Randfontein, 1760, South Africa : PO Box 3223, Randgate, Randfontein, 1763, South Africa
<b>Supplier</b>	: Autobody Jobbers Warehouse Inc
<b>Emergency Telephone Number</b>	: Mobile: Chemtrec 800 424 9300 / www.qbond.net
<b>Address</b>	: 245 Park Ave, Paterson, New Jersey, 07501
<b>Fax Number</b>	: 1 973 225 9449

**Section 2****HAZARDS IDENTIFICATION**

<b>Classification</b>	: Not classified as dangerous goods.
<b>Dangerous goods</b>	: Not classified as dangerous goods.
<b>Risk Symbols</b>	: Not required
<b>Risk Phrases</b>	: Not required
<b>Physical/chemical hazards</b>	: No specific hazard.
<b>Human health hazard</b>	: No specific hazard.
<b>Environmental health hazard</b>	: No specific hazard.

**- NFPA ratings (scale 0 - 4)****- HMIS-ratings (scale 0 - 4)**

**PRODUCT**

**Q-Bond**

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**Section 3**

**COMPOSITION/INFORMATION ON COMPONENTS**

**Substance/Preparation**

: Preparation

**Chemical Nature**

: Dry Powder mixture

**Hazardous Components**

The product consists of metal oxide pigments and salts and contains no ingredients either listed as dangerous goods, or listed as EU classified substance.

**Section 4**

**FIRST AID MEASURES**

**Eye contact**

: Rinse with plenty of water. If irritation persists, seek medical attention.

**Skin contact**

: Not irritating to the skin. Gently brush away excess powder.

**Ingestion**

: No, or very low, oral toxicity. If discomfort occur, obtain medical attention.

**Inhalation**

: No adverse effects.

**Section 5**

**FIRE-FIGHTING MEASURES**

**The product is not flammable or combustible**

**Suitable extinguishing media**

: No restrictions.

**Special protective equipment**

: None.

**Specific hazards**

: None.

**Section 6**

**ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

: Avoid formation of dust.

**Environmental precautions**

: No special precautions required.

**Methods for cleaning up**

: Collect material and dispose as ordinary waste.

**Section 7**

**HANDLING AND STORAGE**

**Safe handling advice**

: Prevent the formation of dust.

**Storage Conditions**

: Store in a dry, well ventilated area. Store away from incompatible materials such as water and acids.

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**Section 8**

**EXPOSURE CONTROL/PERSONAL PROTECTION**

**Exposure limits**

No TWA or STEL listings for any of the ingredients.

**Personal protective equipment**

**Eye protection** : No special requirements.  
**Skin and body protection** : No special requirements.  
**Protective measures** : No special requirements.

**Section 9**

**PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state** : Dry powder  
**Colour** : Grey  
**Odour** : None  
**Initial boiling point** : Not applicable  
**Flash point** : Not applicable.  
**Specific gravity** : 3.4  
**Water solubility** : Partially soluble in water  
**Vapour Pressure** : Not applicable  
**Melting Point** : No clearly defined melting point

**Section 10**

**STABILITY AND REACTIVITY**

**Conditions to avoid** : Stable under ordinary conditions of use and storage

**Materials to avoid** : Moisture and strong acids.

**Hazardous decomposition products:** Carbon dioxide in large fires.

**Hazardous Polymerization** : Does not occur.

**Section 11**

**TOXICOLOGICAL INFORMATION**

**Potential acute health effects**

**Inhalation** : No specific effects.  
**Ingestion** : No specific effects.  
**Eye contact** : No specific effects.  
**Skin contact** : No specific effects.  
**Acute toxicity** : No listed toxic effects for any of the ingredients.  
**Carcinogen rating** : No listed carcinogenic ratings for any of the ingredients.

**Section 12**

**ECOLOGICAL INFORMATION**

**Ecotoxicity** : No listed aquatic toxic effects for any of the ingredients.  
**Persistence/ degradability** : No BOD or BCF ratings available for any of the ingredients.

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**PRODUCT** **Q-Bond**

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**Section 13**

**DISPOSAL CONSIDERATIONS**

- Product** : Dispose as normal waste in accordance with Local State and Federal regulations.
- Containers** : Dispose as normal waste in accordance with Local State and Federal regulations.
- Contaminated packaging** : Dispose as normal waste in accordance with Local State and Federal regulations.

**Section 14**

**TRANSPORT INFORMATION**

- Road and rail transport** : Not classified as dangerous goods.
- Sea transport (IMDG)** : Not classified as dangerous goods.
- Air transport (IATA)** : Not classified as dangerous goods.

**Section 15**

**REGULATORY INFORMATION**

- National legislation (South Africa)  
Hazardous substances** : Occupational Health and Safety Act, Act 85 of 1995 - Regulations for hazardous chemical substances.
- Waste disposal** : National Water Act, Act 36 of 1998
- Other regulations**
- Hazard Symbols** : Not required.
- Risk phrases** : Not required.
- Product use** : Additive for Q-Bond adhesive.

**Section 16**

**OTHER INFORMATION**

**16.1** This Safety Data Sheet has been prepared using data supplied by the manufacturers of the ingredients and summarises our best knowledge, at the date of issue, and of the health and safety information of the product and how to safely handle and use the product in the workplace. Since Q-Bond cannot anticipate or control the conditions under which the product may be used, each user must prior to usage, review this Safety Data Sheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Q-Bond.

- 16.2** Original : May 2005
- Revised : May 2020

**End of SDS**

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