

# Material Safety Data Sheet



## 1. Identification of the Substance / Preparation and Company

**Product:** QSil 553A

**Part No.:**

**Manufacturer/Supplier:** Ambersil Ltd, Wylds Road,  
Bridgwater, Somerset TA6 4DD UK

**Tel:** + 44 (0) 1278 727200

**Fax:** + 44 (0) 1278 727266

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## 2. Composition/Information on Hazardous Ingredients

Ingredient	CAS No.	%	Health	Risk No.
No hazardous ingredients				

\* Risk phrases in this section apply only to individual constituents and not to the Final Preparation

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## 3. Hazards Identification

This product has no measurable hazard under current legislation

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## 4. First Aid Measures

**Inhalation:** Not a hazard

**Ingestion:** Do not induce vomiting. Seek medical attention and show this information sheet

**Skin:** Wash off with soap and water. Seek medical attention if any irritation persists

**Eyes:** Irrigate generously with running water for 15 minutes. Seek medical attention immediately

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## 5. Fire Fighting Measures

**Extinguishing Media:** This product is not classified as flammable

**Special Fire Fighting Measures:** None

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## 6. Accidental Release Measures

**Environmental Protection Precautions:** Not classified as harmful to the environment

**Spill Clean-up Measures:** Absorb on sand or commercial absorbent. Dispose as non-hazardous waste

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## 7. Handling and Storage

**Handling:** No special precautions are required

**Storage Precautions:** Keep in a cool clean area in its original sealed containers away from possible contaminants such as amines, sulphur compounds and organo-tin compounds

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## 8. Exposure Controls and Personal Protection

Personnel handling any chemical product are advised to wear gloves and eye protection  
The product contains an extremely low concentration of a Platinum II complex.

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## 9. Physical and Chemical Properties

<b>Appearance:</b>	Viscous liquid	<b>Colour:</b>	Beige
<b>Odour:</b>	Negligible	<b>Viscosity, mPa.s:</b>	5,000
<b>Specific Gravity:</b>	1.60	<b>Flash Point:</b>	>150°C (> 300°F)
<b>Solubility:</b>	Soluble in most aliphatic and aromatic solvents		

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## 10. Stability and Reactivity

<b>Stability:</b>	No instability identified
<b>Materials to avoid:</b>	Contaminants such as amines, sulphur, phosphorus and tin compounds.

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## 11. Toxicological Information

<b>Inhalation:</b>	Not considered to be a hazard
<b>Ingestion:</b>	None identified
<b>Skin:</b>	May cause irritation of sensitive skin, but not classed as an irritant
<b>Eyes:</b>	Irritant. Resembles wind-burn

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## 12. Ecological Information

**Environmental Hazards:** An ecotoxicity study of this product has not been carried out.  
Addition cure silicone products are not considered to be environmental hazards

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## 13. Disposal Considerations

<b>Disposal Methods:</b>	Either cure by heating with an equal weight of Part 'B' and dispose of by burial, or incinerate under controlled conditions with a recognised waste disposal contractor.
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## 14. Transport Information

<b>Road:</b>	None
<b>Sea:</b>	None
<b>Air:</b>	None

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## 15. Regulatory Information

<b>Supply Classification:</b>	Not applicable		
<b>Risk Phrases:</b>	None		
<b>Safety Phrases:</b>	None	<b>Regulatory References:</b>	See Section 16

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## 16. Other Information

**Information Sources:** Chemicals (Hazard Information, Packaging and Supply) Regulations 1994 & subsequent amendments.  
The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations 1994 and subsequent amendments.  
HSE EH40 Occupational Exposure Limits. Suppliers' MSDS's

**Date:** 17-07-01 **Issue No.:** 0

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### NOTE

The purpose of the above information is to describe this product only in terms of health and safety requirements. The information given, therefore, should not be construed as guaranteeing specific properties or specification. Customers should satisfy themselves as to the suitability and completeness of this information of their own particular use, bearing in mind any other health and safety legislation or regulations.

# Material Safety Data Sheet



## 1. Identification of the Substance / Preparation and Company

**Product:** QSi1 553B  
**Part No.:**  
**Manufacturer:** Quantum Silicones Inc., 7518 Whitepine Road,  
Richmond, VA23237, U.S.A.  
**Tel:** +1 (804) 271 9010  
**Fax:** +1 (804) 271 9055

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## 2. Composition/Information on Hazardous Ingredients

Ingredient	CAS No.	%	Health	Risk No.
No hazardous ingredients				

\* Risk phrases in this section apply only to individual constituents and not to the Final Preparation

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## 3. Hazards Identification

This product has no measurable hazard under current legislation

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## 4. First Aid Measures

**Inhalation:** Not a hazard  
**Ingestion:** Do not induce vomiting. Seek medical attention and show this information sheet  
**Skin:** Wash off with soap and water. Seek medical attention if any irritation persists  
**Eyes:** Irrigate generously with running water for 15 minutes. Seek medical attention immediately

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## 5. Fire Fighting Measures

**Extinguishing Media:** This product is not classified as flammable

**Special Fire Fighting Measures:** None

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## 6. Accidental Release Measures

**Environmental Protection Precautions:** Not classified as harmful to the environment  
**Spill Clean-up Measures:** Absorb on sand or commercial absorbent. Dispose as non-hazardous waste

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## 7. Handling and Storage

**Handling:** No special precautions are required  
**Storage Precautions:** Keep in a cool clean area in its original sealed containers away from possible contact with strong acids and alkalis, which cause liberation of hydrogen

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## 8. Exposure Controls and Personal Protection

Personnel handling any chemical product are advised to wear gloves and eye protection

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## 9. Physical and Chemical Properties

<b>Appearance:</b>	Medium viscosity liquid	<b>Colour:</b>	Black
<b>Odour:</b>	Negligible	<b>Viscosity, mPa.s:</b>	3,500
<b>Specific Gravity:</b>	1.60	<b>Flash Point:</b>	>150°C (> 300°F)
<b>Solubility:</b>	Soluble in most aliphatic and aromatic solvents		

## 10. Stability and Reactivity

<b>Stability:</b>	No instability identified
<b>Materials to avoid:</b>	Strong alkalis which cause hydrogen evolution

## 11. Toxicological Information

<b>Inhalation:</b>	Not considered to be a hazard
<b>Ingestion:</b>	None identified
<b>Skin:</b>	May cause irritation of sensitive skin, but not classed as an irritant
<b>Eyes:</b>	Irritant. Resembles wind-burn

## 12. Ecological Information

**Environmental Hazards:** An ecotoxicity study of this product has not been carried out.  
Addition cure silicone products are not considered to be environmental hazards

## 13. Disposal Considerations

**Disposal Methods:** Either cure by heating with an equal weight of Part 'B' and dispose of by burial, or incinerate under controlled conditions with a recognised waste disposal contractor.

## 14. Transport Information

<b>Road:</b>	None
<b>Sea:</b>	None
<b>Air:</b>	None

## 15. Regulatory Information

<b>Supply Classification:</b>	Not applicable		
<b>Risk Phrases:</b>	None		
<b>Safety Phrases:</b>	None	<b>Regulatory References:</b>	See Section 16

## 16. Other Information

**Information Sources:** Chemicals (Hazard Information, Packaging and Supply) Regulations 1994 & subsequent amendments.  
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**Date:** 18-07-01

**Issue No.:** 0