



**SAFETY DATA SHEET**  
**AS1604**

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

PRODUCT NAME AS1604

SUPPLIER ACC SILICONES LIMITED  
Amber House, Showground Rd  
Bridgwater, Somerset TA6 6AJ  
TEL: +44 (0)1278 411400  
FAX: +44 (0)1278 411444  
sdsadmin@acc-silicones.com

EMERGENCY TELEPHONE DEUTSCHLAND +49 613 3162 91880 (24hrs)  
ITALIA +39 029880913 (24hrs)  
UK +44 (0)1278 411400 (24hrs)

**2 HAZARDS IDENTIFICATION**

May cause sensitisation by skin contact.

CLASSIFICATION R43.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
Oximo Silane		2224-33-1	<1%	Xi;R37/38,R41. R43.
Oximo Silane		22984-54-9	1-5%	Xi;R37/38,R41. R43.

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

**4 FIRST-AID MEASURES**

**INHALATION**

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

**INGESTION**

DO NOT induce vomiting. Get medical attention immediately.

**SKIN CONTACT**

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water. Get medical attention if irritation persists after washing.

**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists continue rinsing and transport to hospital taking these instructions.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Use pressurised air mask if product is involved in a fire.

**SPECIFIC HAZARDS**

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>).

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

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

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**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Do not use in confined spaces without adequate ventilation and/or respirator.

**STORAGE PRECAUTIONS**

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

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ETHYL METHYL KETOXIME	AGW				3 mg/m3	

AGW = Arbeitsplatzgrenzwert.

**INGREDIENT COMMENTS**

(\*) Ingredient is given off as fumes.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION**

Wear approved safety goggles.

**HYGIENE MEASURES**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Paste		
COLOUR	Black		
ODOUR	Ketonic.		
SOLUBILITY	Immiscible with water Miscible with Aromatic solvents Chloroform Hydrocarbons.		
BULK DENSITY	1.45	FLASH POINT (°C)	>150 CC (Closed Cup) CC (Closed cup).
AUTO IGNITION TEMPERATURE (°C)	>400		

**10 STABILITY AND REACTIVITY**

**STABILITY**

No particular stability concerns.

**CONDITIONS TO AVOID**

Avoid contact with oxidisers or reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Oxides of: Silicon.

**11 TOXICOLOGICAL INFORMATION**

**INHALATION**

Vapour may irritate respiratory system or lungs.

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**INGESTION**

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

**SKIN CONTACT**

Irritating to skin. May cause sensitisation by skin contact.

**EYE CONTACT**

Irritation, burning, lachrymation, blurred vision after liquid splash.

Name	Oximo Silane
Toxic Dose 1 - LD 50	2528 mg/kg (oral rat)
Name	Oximo Silane
Toxic Dose 1 - LD 50	2528 mg/kg (oral rat)

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

The product is not expected to be hazardous to the environment.

**13 DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**14 TRANSPORT INFORMATION**

	No transport warning sign required.		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

**15 REGULATORY INFORMATION**

**LABELLING**



Irritant

CONTAINS Oximo Silane

**RISK PHRASES**

R43 May cause sensitisation by skin contact.

**SAFETY PHRASES**

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39 Wear suitable gloves and eye/face protection.
- S51 Use only in well-ventilated areas.

**EU DIRECTIVES**

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

**NATIONAL REGULATIONS**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

**16 OTHER INFORMATION**

**REVISION COMMENTS**

NOTE: Lines within the margin indicate significant changes from the previous revision.

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REVISION DATE 21/08/2007

REV. NO./REPL. SDS GENERATED 3

## RISK PHRASES IN FULL

R37/38 Irritating to respiratory system and skin . , R43 May cause sensitisation by skin contact . , R41  
Risk of serious damage to eyes.

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