

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Honeywell

OS® 1000/440 Methyl Oximino Silane

KOC65551

Version 1.4

Revision Date 12.08.2008

Print Date 08.02.2010

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

Product information

Trade name : OS® 1000/440 Methyl Oximino Silane

Product code : KOC65551

Company/Undertaking Identification

Company : Honeywell International, Inc.
101 Columbia Road
07962-1057 Morristown

Telephone :

Telefax :

Emergency telephone :

For further information,
please contact: : SafetyDataSheet@Honeywell.com

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Xi, Irritant

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.

Irritant

sensitizing

See Section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Chemical Name : OS® 1000/440 Methyl Oximino Silane

CAS-No. : 22984-54-9

EC-No. : 245-366-4

Hazardous components

Chemical Name	CAS-No.	EC-No.	Index-No.	Classification	Concentration [%]
Butan-2-one O,O',O''- (methylsilylidyne)trioxime	22984-54-9	245-366-4		Xi; R36/38-R43	>= 90
Butanone oxime	96-29-7	202-496-6	616-014-00-0	R40 Xn; R21 Xi; R41 R43 Carcinogenic Category 3	< 1

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Occupational Exposure Limit(s), if available, are listed in Section 8.
For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

- General advice : Take off all contaminated clothing immediately.
- Inhalation : Remove to fresh air.
- Skin contact : After contact with skin, wash immediately with plenty of water.
If symptoms persist, call a physician.
- Eye contact : In the case of contact with eyes, rinse immediately with plenty
of water and seek medical advice.
- Ingestion : When swallowed, allow water to be drunk.
Do NOT induce vomiting.
Call a physician immediately.

See Section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
Foam
Carbon dioxide (CO₂)
Dry powder
- Specific hazards during fire fighting : Fire may cause evolution of:
Carbon dioxide (CO₂)
Carbon monoxide
nitrogen oxides (NO_x)
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
No unprotected exposed skin areas.
- Further information : Use extinguishing measures that are appropriate to local
circumstances and the surrounding environment.
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation.
- Methods for cleaning up : Soak up with inert absorbent material.
Pick for disposal in tightly closed containers

For personal protection see section 8.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Exhaust ventilation at the object is necessary.
- Advice on protection against fire and explosion : No special precautions required.

Storage

- Further information on storage conditions : Keep containers tightly closed in a dry, cool and well-ventilated
place.
Recommended storage temperature: 10-15°C

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Advice on common storage : Do not store together with:
Acids
Oxidizing agents
Keep away from iron and water

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.

Hand protection : Solvent-resistant gloves (butyl-rubber)

Eye protection : Goggles

Skin and body protection : Protective suit

Protective measures : The Personal Protective Equipment must be in accordance with EN standards:respirator EN 136, 140, 149; safety glasses EN 166; protective suit: EN 340, 463, 468, 943-1, 943-2; gloves EN 374, safety shoes EN-ISO 20345.
Do not breathe vapours/dust.
Take off all contaminated clothing immediately.
Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : colourless

Odour : slightly ether-like

Safety data

Melting point/range : -22 °C

Boiling point/boiling range : 310 °C
at 1.013 hPa

Flash point : 61 °C
Method: closed cup

Vapour pressure : 30 µPA
at 150 °C

Density : 0,982 g/cm³
at 20 °C

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pH : Remarks: not applicable
Water solubility : Remarks: Reacts violently with water.

10. STABILITY AND REACTIVITY

Materials to avoid : Iron
Oxidizing agents
Reactions with water and acids.
Hazardous decomposition products : Carbon oxides
Silicone oxide
nitrogen oxides (NOx)
Thermal decomposition : Note: No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
Species: rat
Dose: 2 - 3 ml/kg
Skin irritation : Classification: irritating
Eye irritation : Classification: irritating

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50
Species: Oncorhynchus mykiss (rainbow trout)
Value: > 120 mg/l
Exposure time: 96 h
Acute toxicity to aquatic invertebrates : EC50
Species: Daphnia magna (Water flea)
Value: > 120 mg/l
Exposure time: 48 h

13. DISPOSAL CONSIDERATIONS

Product : Dispose according to legal requirements.
Packaging : Legal requirements are to be considered in regard of reuse or disposal of used packaging materials

14. TRANSPORT INFORMATION

ADR
Not dangerous goods

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IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

15. REGULATORY INFORMATION

Labelling according to EC Directives 1999/45/EC

Symbol(s)	: Xi	Irritant
R-phrases(s)	: R36/38 R43	Irritating to eyes and skin. May cause sensitization by skin contact.
S-phrases(s)	: S23 S24 S26 S37	Do not breathe vapour. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.

Hazardous components which must be listed on the label:

- Butan-2-one O,O',O''- 22984-54-9
(methylsilylidyne)trioxime

Further information : The product is classified and labelled in accordance with Directive 1999/45/EC.

National legislation

16. OTHER INFORMATION

Text of R-phrases referred to under heading 3

Butan-2-one O,O',O''- (methylsilylidyne)trioxime	: R36/38 R43	Irritating to eyes and skin. May cause sensitization by skin contact.
Butanone oxime	: R40 R21 R41 R43	Limited evidence of a carcinogenic effect. Harmful in contact with skin. Risk of serious damage to eyes. May cause sensitization by skin contact.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

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This information should not constitute a guarantee for any specific product properties.