

Material Safety Data Sheet



N-192 HIGH PERFORMANCE SEALANT

Section 1 : Product & Company Identification

Product Name:	N-192 HIGH PERFORMANCE SEALANT
Company:	OCI MATERIAL PRATAMA
Office	Factory
Altira Office Tower 38th Floor. Altira Business Park Jl. Yos Sudarso Kav 85. Jakarta 14350 – Indonesia Telephone : 603-55199888 Fax : 603-55195888	Jl. Inti Raya Block C-4 Kav 2-3 Hyundai – Lippo Cikarang 17550 Bekasi, Indonesia

Section 2 : Composition/Information on Ingredients

Chemical Name	CAS No	Wt%	Exposure Limits
Silica, amorphous	007631869	11	OSHA PEL: TWA15mg/m ³ total dust, 5mg/m ³ respirable fraction. ACGIH TLV: TWA 10mg/m ³ inhalable particulate, 3 mg/m ³ respirable particulate.< 5 %
Methyl tri (ethyl-methylketoxime) silane	22984549	6	See ethyl methyl ketoxime comments.
Chromic oxide	001308389	4	OSHA PEL and ACGIH TLV, as chromium: TWA 0.5mg/m ³
Iron oxide	001309371	4	OSHA PEL (final rule) (fume): TWA 10mg/m ³ . ACGIH TLV (fume),as iron: TWA 5mg/m ³ .
Black iron oxide	001317619	4	Observe iron oxide limits. (fume): TWA 10mg/m ³ . ACGIH TLV (fume),as iron: TWA 5mg/m ³
Titanium dioxide	013463677	4	OSHA PEL (final rule): TWA 10mg/m ³ total dust. ACGIH TLV: TWA 10mg/m ³
C.I Pigment Blue 29	057455375	4	Observe particulate limits. OSHA dust, 5mg/m ³ respirable fraction. ACGIH TLV: TWA 10mg/m ³ inhalable particulate, 3 mg/m ³ respirable particulate.
Yellow iron oxide	051274001	3	OSHA (final rule) (fume): TWA 10mg/m ³ . ACGIH TLV (fume),as iron: TWA 5mg/m ³ .
Antimony chromium manganese titanium brown rutile	069991680	3	Observe final rules. Chromium oxide: (OSHA PEL and ACGIH TLV, as chrome: TWA 0.5mg/m ³), antimony oxide: (OSHA PEL and ACGIH TLV, as antimony: TWA 0.5mg/m ³), manganese oxide:(OSHA PEL, as manganese: Ceiling 5mg/m ³ ; ACGIH TLV: TWA5mg/m ³
Aminoethyl aminopropyl trimethoxysilane	001760243	2	See methyl alcohol comments
Di(ethylmethyl-ketoxime) methoxy-methyl silane	083817725	2	See ethyl methyl ketoxime and methyl alcohol components.
Aluminium	007429905	1	OSHA PEL (final rule): TWA 15mg/m ³ total dust, 5mg/m ³ respirable fraction. A ACGIH TLV (metal dust): TWA 10mg/m ³ .

Further information:
This ingredients will react and cure become a silicone sealant.
This sheet only contains safety relevant data. For specific data, see Technical Data sheet.

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Section 3 : Hazards Identification

- May cause sensitization by skin contact.

Section 4 : First-Aid Measures

Skin Contact	:	Take off immediately all contaminated clothing . Clear with water and skin cleanser immediately.
Eyes Contact	:	Contact lenses should be removed . Rinse with plenty of water immediately, seek medical advice if necessary.
Ingestion	:	Seek medical advice immediately.

Section 5 : Fire-Fighting Measures

Suitable extinguishing media	:	Water spray, foam, CO2, dry powder
Unsuitable extinguishing media	:	-

Section 6 : Accidental Release Measures

- Methods for cleaning up, Take up mechanically

Section 7 : Handling & Storage

Handling	:	Ensure good ventilation during processing.
Protection against fire / explosion	:	General rules of fire prevention should be observed.
Storage	:	Keep container tightly closed and dry. Store in a well-ventilated area.

Section 8 : Exposure Controls/Personal Protection

Ingredients with limiting values to be controlled. TLV (TRGS 900/D)	:	Not indicated
Industrial hygiene	:	Remove immediately all contaminated clothing. Do not inhale vapours.
Hand protection	:	Suitable protective gloves
Eye protection	:	protective goggles

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Section 9 : Physical & Chemical Properties

• Form	: pasty
• Colour	: colour varies
• Odour	: characteristic
• Melting Temperature	: not applicable
• Boiling Temperature	: (hPa) not applicable
• Flash point	: > 320° C
• Ignition Temperature	: not determined
• Vapour pressure	: not determined
• Density (20° C)	: 1.03 - 1.23g/cm3
• Solubility in water (20° C)	: practically insoluble
• pH Value (g/l water) (°C)	: not determined

Section 10 : Stability & Reactivity

Hazardous decomposition products	:	Z-butanone oxime through action of atmospheric humidity
Hazardous reaction	:	No dangerous reaction known:

Section 11 : Toxicological Information

Skin	:	may cause sensitisation * (Methyl tri(ethylmethylketoxime))
Eyes	:	possibly irritating
Further Information	:	* The data are derived from the labelling according to the EC Dangerous Preparation Directive.

Section 12 : Ecological Information

No data available (preparation)

Section 13 : Disposal Considerations

Product: With respect to local regulations, e.g. dispose of to suitable waste incineration plant.

Section 14 : Transport information

- **ADR** : Not regulated as dangerous good.
- **IATA** : Not regulated as dangerous good.
- **IMDG** : Not regulated as dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : This product is not intended to be transported in bulk.

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Section 15 : Regulatory information

Labeling (EC) According to the Dangerous Preparation Directive (88/379/EEC).

Contains	butan-Z-one O, O', O'' - (methylsilylidne) trioxime
Hazard Symbol: Xi	Irritant
R - Phrases: 43	May causes sensitization by skin contact.
S-Phrases: Z	Keep out of reach of children.
24/25	Avoid contact with skin and eyes.
37	Wear suitable gloves.
46	If swallowed, seek medical advice immediately and show this container or label.

Section 16 : Other Information

The details contained herein are based on our present state of knowledge and experience and are to characterize our product with regard to any possible safety requirement. We do, however, pass them on without any warranty or property assurances.