

MATERIAL SAFETY DATA SHEET

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Identification of the substance / preparation and of the company / undertaking

- Product name:

OCI / ORGAFIX SHOE ADHESIVE

- Company:

OCI Berhad

Office:

3, Jalan Renggam 15/5,
Kawasan Perindustrian Seksyen 15,
40000 Shah Alam, Selangor, Malaysia.

Factory :

1, Jalan Halba Satu, 16/16A, Seksyen 16,
Kawasan Perindustrian Shah Alam,
40000 Shah Alam, Selangor, Malaysia.

Telephone: 603-55148899

Fax: 603-55116278 (office)

Emergency Tel No: 603-55104997, Fax: 603-55104822 (Factory)

2 Composition / information on ingredients

Material	%	*TLV	Hazard
Polyurethane Resin	<20	Not Established	None Currently Known
Hydrocarbon Solvent	>80	200ppm OSHA 100ppm (skin) AGGIH	Flamable, Irritant Harmful by Inhalation

*TLV : Threshold Limit Value

3 Hazards identification

May cause sensitisation by skin contact - irritating to eyes, respiratory system and skin.
Harmful by inhalation, in contact with skin and if swallowed.

4 First-aid measures

Inhalation :

Remove to fresh air, keep warm and at rest.

Skin Contact:

Remove contaminated clothing . Rinse with water and use a proprietary skin cleaner immediately.

Eyes Contact:

Contact lenses should be removed . Rinse with plenty of water immediately, seek medical advice if necessary.

Ingestion:

Seek medical advice immediately. DO NOT induce vomiting.

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5 Fire-fighting measures

- Suitable extinguishing media:
Use Dry Chemical Powder, Foam, Carbon Dioxide, Water Fog, sand or Earth
- Unsuitable extinguishing media:
Do not use Water in A Jet

6 Accidental release measures

- Exclude sources of ignition and ventilate the area.
- Exclude non-essential personnel. Avoid breathing vapours.
- Collect spillages mechanically and store in suitable covered container.

7 Handling and 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.

8 Exposure controls / personal protection

- Industrial hygiene:
Remove immediately all contaminated clothing. Do not inhale vapours .
- Hand protection:
Suitable protective gloves
- Eye protection:
protective goggles

9 Physical and chemical properties

- Form: viscous liquid
- Colour: starchy
- Odour: aromatic odor
- Viscosity 3100 - 3400cps
- Solid Content 16 - 20%
- Melting temperature not applicable
- Boiling temperature 86 °C
- Flash point - 9°C
- Freezing Point - 10 °C
- Ignition temperature not determined
- Vapour pressure (25 °C) not determined
- Density (25°C) 0.87 +/- 0.001g/cm³
- Solubility in water (25°C) insoluble

10 Stability and reactivity

- Hazardous decomposition products:
None
- Hazardous reactions:
No dangerous reaction known:

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11 Toxicological information

- Skin: may cause sensitisation
- Eyes: possibly irritating

12 Ecological information

Large quantities of product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

13 Disposal considerations

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Residues in emptied containers should be covered and should be disposed of in accordance with regulations made under the control of Pollution & Environmental Protection Acts.

14 Transport information

No dangerous goods under the transport regulations.

15 Regulatory information

The product is classified and labelled for supply in accordance with the Classification Of Hazardous Chemical. Regulations as follow.

Classification	Highly Flammable
	Harmful
	Irritant to skin
R-phrases 43	May causes sensitization by skin contact.
36/38	Irritant to skin
S-phrases: Z	Keep out of reach of children.
28	After contact with skin, wash immediately with plenty of water
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
27	Take off immediately all contaminated clothing
37	Wear suitable gloves.
46	If swallowed, seek medical advice immediately and show this container or label.

16 Other information

The information contained in this Safety Data Sheets is based on our present state of knowledge and experience and it provides guidance on health, safety and environmental aspects . We do, however, pass them on without any warranty or property assurances.