



## Safety Data Sheet

1260

Effective Date: June 04, 2011

Print Date: June 04, 2011

### 5. FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Dry powder, carbon dioxide, foam and dry sand.

#### SPECIFIC HAZARDS WITH REGARD TO FIRE FIGHTING MEASURES

No known hazards at this moment.

#### SPECIFIC METHODS/ PROTECTION OF FIRE FIGHTERS

Remove source of combustibles. Extinguish the fire using fire-fighting media listed below. Cool surrounding tanks, buildings and so on by spraying water on them. Fire fighting should be done from the windward side with suitable respiratory protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

Evacuate people on the leeward. Keep people from the area and remove sources of ignition.

Wear protective equipment during work. Work on the windward side. In case of large spill, put in container for recovery after preventing spill by sand or sandbags. In case of small spill, put in an empty container for recovery after wiping or soaking up in inert material.

### 7. HANDLING AND STORAGE

#### HANDLING

- Wear eye, hand and respiratory protection during handling.
- Avoid any source of ignition due to flammability.
- Ground equipment due to expected sensitivity to static.
- Use immediately after seal is open. Be careful that moisture vapor do not mix in this product because this product is cured by hydrolysis with moisture in air..

#### STORAGE

Store in dark, cool indoor with seal container.

### 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

#### CONTROL PARAMETERS

		WSHA PEL (Singapore, 2006)	
		(Short Term)	(Long Term)
Polyalkylsiloxane	--	Not available	Not available
Oxime silane	--	Not available	Not available
Silica (Silicon dioxide)	--	Not available	Not available
Dialky tin compound	--	Not available	Not available
Adhesion promoting agent	--	Not available	Not available
Pigment	--	Not available	Not available

#### ENGINEERING MEASURES

When handling this product, use a closed circulating mechanical ventilation system. Place safety showers and hand washing sink near work area and clearly marked.

#### PERSONAL PROTECTION EQUIPMENT

##### RESPIRATORY PROTECTION

Mask which shields organic gas.

##### EYE PROTECTION

Goggles or regular glasses with side shields.

##### HAND, SKIN AND BODY PROTECTION

Wear rubber, solvent resistant or other impervious gloves. Wear apron, boots, etc., as appropriate. Do not work with short sleeve shirt

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOUR, ODOUR, PHYSICAL STATE	Gray paste, unique smell
BOILING POINT	1.04
MELTING POINT	No data
SPECIFIC GRAVITY	No data
VAPOR PRESSURE	No data
VAPOUR DENSITY	No data
SOLUBILITY IN WATER	Insoluble

### 10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT	63°C
AUTOIGNITION TEMPERATURE	450°C
EXPLOSIVE LIMIT	No data available at this time
CONDITIONS/ MATERIALS TO AVOID	No data available at this time
DECOMPOSITION MATERIALS	No data available at this time
STABILITY AND REACTIVITY	Substantially stable. Catalysis of strong acids or bases causes polymerization or decomposition.

### 11. TOXICOLOGICAL INFORMATION

Toxicity of methyl ethyl ketoxime (MEKO) liberated when the material is in touch with water, or moisture in the air, or when material is curing:

Skin contact	: May cause mild skin irritation.
Eye contact	: Causes severe eye irritation. May damage tissue.
Acute oral toxicity	: LD <sub>40</sub> 4ml/kg (rat)
Acute inhalation	: LD <sub>50</sub> ≥ 4.8 mg/l/4h (rat)
Inhalation toxicity	: Narcotic in high concentration. Return to normal when exposure ends. Prolonged overexposure causes adverse effects on blood.
Skin sensitivity	: Positive (Guinea pig). No allergy reactions to humans.
Nerve toxicity	: Temporary declination of mental function at high concentrations.
Carcinogenicity	: A lifetime (about 2 years) inhalation study in male and female mice and rats, revealed that liver tumors were observed in male mice and rats at a high exposure level of 375ppm.
Other long term exposure tests	: Atrophy of small epithelium cells was observed in mice and rats.

### 12. ECOLOGICAL CONSIDERATIONS

No data available at this time.

### 13. DISPOSAL CONSIDERATIONS

To dispose product, incinerate. Handle in accordance with 7. Handling and Storage.

### 14. TRANSPORT INFORMATION

Handle in accordance to 7. Handling and Storage.

### 15. REGULATORY INFORMATION

Handle in accordance with applicable laws and regulations.

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### 16. OTHER INFORMATION

- Portions of the above evaluation of dangerous and harmful effects may be insufficient. Please perform adequate investigation.
- The contents in this report are based on information, which was available as of the effective date, but Three Bond Co. Ltd and its affiliates are not responsible for guaranteeing the above data and evaluations. The above data assumes usage under normal working conditions. In case special handling is required, please handle with suitable safety measures according to the application and usage.
- The contents in this report may change due to new evaluation and tests etc.