

SEAL IT RIGHT 168 - Black-TH

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** SEAL IT RIGHT 168 - Black-TH

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Sealant

**Recommended restrictions:** For industrial use only.

### Supplier's details

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials (Thailand) Limited  
1/2 Moo 4, Asia Industrial Estate, Rayong, 21130  
Thailand

**Contact person** : commercial.services@momentive.com

**Telephone** : +66-3899 7899

**Telefax** : +66-3899 7888

**Emergency telephone number** : 001 800 120 666 751 / +65 3158 1074

**Responsible Department** : Product Stewardship & Compliance

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information :**

### Health Hazards

Serious Eye Damage/Eye Irritation Category 2A

Skin sensitizer Category 1

### Unknown toxicity

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 0 %

### GHS label elements

**Hazard symbol(s):**



**Signal Word:** Warning

**Hazard Statement(s):** Causes serious eye irritation.  
May cause an allergic skin reaction.

**Precautionary statement(s):**

**Prevention:** Wash thoroughly after handling. Wear protective gloves/protective

## SEAL IT RIGHT 168 - Black-TH

clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water/... If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see on this label). Wash contaminated clothing before reuse.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification:** None.

### 3. Composition/information on ingredients

**Substance(s) formed under the conditions of use:** Mixture of polydimethylsiloxanes, fillers and cross-linkers.

#### Mixtures

Chemical Identity	CAS number	Concentration*
DISTILLATES, PETROLEUM, HYDROTREATED	64742-47-8	1.0 - 10%
Methyl oxime silane	Trade secret	1.0 - 10%
Carbon Black	1333-86-4	0.1 - 1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Trade secret information:** \*\* A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

**Ingestion:** Do not induce vomiting. Get medical attention immediately.

**Inhalation:** Get medical attention.

**Skin Contact:** Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact:** Rinse immediately with plenty of water and seek medical advice.

#### Most important symptoms/effects, acute and delayed

**Symptoms:** None known.

**Hazards:** No data available.

#### Indication of immediate medical attention and special treatment needed

## SEAL IT RIGHT 168 - Black-TH

**Treatment:** Treatment is symptomatic and supportive.

### 5. Fire-fighting measures

**General Fire Hazards:** Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above. Cool surrounding tanks, buildings and so on by spraying with water to prevent the fire extension.  
The fire fighting should be done from the windward side, with suitable respiratory protective device, if necessary.

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Extinguish with foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** By heating and fire, irritating vapors/gases may be formed. In case of fire, carbon monoxide and carbon dioxide may be formed.

#### Special protective action for fire fighters

**Special fire fighting procedures:** Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective clothing.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep unauthorized personnel away. Keep upwind.

**Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.

**Methods and material for containment and cleaning up:** Put in an empty container for recovery after preventing spill by sand or sandbags, if the amount of spill is large. Put in an empty container for recovery after wiping or soaking up in an inert material, if the amount of spill is small.

**Notification Procedures:** Remove sources of ignition.

### 7. Handling and storage

**Precautions to ensure safe handling:** Wear appropriate personal protective equipment. Keep away from sources of ignition - No smoking. Avoid inhalation of vapors and spray mists. Use only with adequate ventilation.

**Conditions for safe storage, including any incompatibilities:** Store in a dark, cool place indoors, with container tightly closed.

**SEAL IT RIGHT 168 - Black-TH**

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

Chemical Identity	Type	Exposure Limit Values	Source
DISTILLATES, PETROLEUM, HYDRO TREATED - Non- aerosol. - as total hydrocarbon vapor	TWA	200 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended (03 2015)
	TWA	200 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended (03 2015)
(1) Carbon Black - Inhalable fraction.	TWA	3 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended (03 2015)
	TWA	3 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended (03 2015)

**Biological Limit Values**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:**

Use only in well-ventilated areas.

**Individual protection measures, such as personal protective equipment**

**General information:** Wear suitable gloves and eye/face protection.

**Eye/face protection:** Safety glasses with side shields

**Skin Protection**

**Hand Protection:** Rubber or plastics gloves

**Other:** Chemical resistant clothing Safety shoes

**Respiratory Protection:** Gas mask for organic gas if MEKO exposure limits are exceeded (3 ppm 8-hr TWA, recommended workplace exposure guideline.

**Hygiene measures:** Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

**9. Physical and chemical properties**

**Appearance**

**Physical state:** solid

**Form:** Paste

**Color:** Black

**Odor:** Faint

**Odor threshold:** No data available.

**pH:** No data available.

**Melting point/freezing point:** Not applied

**Initial boiling point and boiling range:** 240 - 265 °C Organic solvent.

**Flash Point:** Not applicable

**Evaporation rate:** No data available.

## SEAL IT RIGHT 168 - Black-TH

<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	7 %(V)
<b>Flammability limit - lower (%):</b>	1 %(V)
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Vapor pressure:</b>	< 3 hPa (25 °C) Organic solvent.
<b>Vapor density:</b>	No data available.
<b>Density:</b>	1.02 g/cm <sup>3</sup> (23 °C)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	No data available.
<b>Solubility (other):</b>	Insoluble
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Auto-ignition temperature:</b>	200 - 410 °C Organic solvent.
<b>Decomposition temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No dangerous reaction if used as recommended.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Keep away from heat, sparks and open flame.
<b>Incompatible Materials:</b>	Moisture.
<b>Hazardous Decomposition Products:</b>	Reacts with water/moisture liberating Methyl ethyl ketoxime (MEKO) = 2-Butanone-oxime. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion:</b>	No data available.
<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Ingestion:</b>	No data available.
-------------------	--------------------

---

**SEAL IT RIGHT 168 - Black-TH**

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** Not classified for acute toxicity based on available data.

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** Causes sensitization on guinea-pigs. No human information is available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**ACGIH Carcinogen List:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

## SEAL IT RIGHT 168 - Black-TH

### Other effects:

Toxicity of methyl ethyl ketoxime (MEKO) liberated when the material is in touch with water or moisture in the air, or the material is curing. SKIN CONTACT: May cause mild skin irritation. EYE CONTACT: Causes severe eye irritation may damage tissue. ACUTE ORAL TOXICITY: LD50 = 4ml/kg (rat). ACUTE INHALATION: 4-hr LC50 = > 4.8mg/l (rat). INHALATION TOXICITY: Narcotic(central nervous system)effects in high concentrations.Effects were reversible when exposure was ended.Prolonged overexposure causes adverse effects on the blood. SKIN SENSITIVITY: Positive (guinea pig).No allergic reaction to humans.CARCINOGENICITY: A lifetime (about two 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 375 ppm. OTHER LONG-TERM EXPOSURE TESTS: Atrophy of nasal epithelium cells was observed in both mice and rats at all concentrations.The effect appeared reversible at lower concentrations. PERMISSIBLE CONCENTRATION: TWA 3 ppm (supplier's recommended value), Keep well ventilated (STEL 10 ppm or less). The WEEL recommended value of AIHA is TWA 10 ppm.

## 12. Ecological information

### Ecotoxicity

#### Acute hazards to the aquatic environment

##### Fish

Product: No data available.

##### Aquatic Invertebrates

Product: No data available.

#### Chronic hazards to the aquatic environment

##### Fish

Product: No data available.

##### Aquatic Invertebrates

Product: No data available.

##### Toxicity to Aquatic Plants

Product: No data available.

### Persistence and Degradability

##### Biodegradation

Product: No data available.

##### BOD/COD Ratio

Product: No data available.

### Bioaccumulative potential

#### Bioconcentration Factor (BCF)

## SEAL IT RIGHT 168 - Black-TH

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility**

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

DISTILLATES, No data available.

PETROLEUM, HYDROTRE  
ATED

Methyl oxime silane No data available.

Carbon Black No data available.

**Other adverse effects:** No data available.

### 13. Disposal considerations

**General information:** Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

**Disposal methods**

**Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. The generation of waste should be avoided or minimized wherever possible. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

**Contaminated Packaging:** Dispose of as unused product.

### 14. Transport information

**ADR**

Not regulated.

**RID**

Not regulated.

**IATA**

Not regulated.

**IMDG**

Not regulated.

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from foodstuffs and animal feed. keep away from odour sensitive materials



---

**SEAL IT RIGHT 168 - Black-TH**

**Transport in bulk according to Annex II of MARPOL and the IBC Code**

Not applicable

<b>15. Regulatory information</b>
-----------------------------------

**Safety, health and environmental regulations specific for the product in question**

**Thailand. Hazardous Substances Prohibited from On-line Notification System (Notification of Ministry of Industry, B.E. 2547)**

Not Regulated

**Thailand. List of Hazardous Substances (Notification of Ministry of Industry Re: List of Hazardous Substances B.E. 2556, Annex: Schedules 1 - 6)**

This product is classified under DIW Annex 5.6 Thailand Hazardous Act B.E.2535

**Thailand. Hazardous Substances under Chapter 3, Duties and Civil Liabilities (Notification of Ministry of Industry Re: Hazardous Substances under Chapter 3 of Hazardous Substances Act)**

Not Regulated

**Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)**

Not Regulated

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

**SEAL IT RIGHT 168 - Black-TH**

**Inventory Status:**

Australia AICS:	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	Not in compliance with the inventory.	Remarks: None.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	Q (quantity restricted)	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.

**16. Other information, including date of preparation or last revision**

<b>Issue Date:</b>	2020/08/19
<b>Revision Date:</b>	No data available.No data available.
<b>Version #:</b>	2.0
<b>Source of information:</b>	No data available.
<b>Further Information:</b>	No data available.

---

**SEAL IT RIGHT 168 - Black-TH**

**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives.

**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 safehandling, 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 materials or in any process, unless specified in the text.

® and TM indicate trademarks owned by or licensed to Momentive.