



**Storage:**  
**Disposal:**

Continue rinsing. If exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Store in a well-ventilated place. Keep container tightly closed. Store locked up.  
Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015) and is consistent with the provision of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**See Section 11 for additional toxicological information.**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Weight %*
Aliphatic Urethane Acrylate Oligomer		60 - 80
4-(1-oxo-2-propenyl)-morpholine	5117-12-4	10 - 30
1H-Pyrrole-2,5-dione, 1-phenyl-	941-69-5	5 - 10
Reaction mass of pentamethyl-4-piperidylsebacates	1065336-91-5	0.1 - 1
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.1 - 1
Glycerol, propoxylated, esters with acrylic acid 1-6.5PO	52408-84-1	0.1 - 1

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Rinse with running water and soap. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Discard any shoes or clothing items that cannot be decontaminated.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention immediately.
<b>Ingestion:</b>	Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.
<b>Symptoms:</b>	See Section 11.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide. Do not use high volume water jet.
<b>Special fire fighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.
<b>Unusual fire or explosion hazards:</b>	Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

**Hazardous combustion products:**

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:**

Do not allow product to enter sewer or waterways.

**Clean-up methods:**

Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, saw dust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

## 7. HANDLING AND STORAGE

**Handling:**

Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Do not breathe fumes or dust from this material. See Section 8 of the SDS for Personal Protective Equipment.

**Storage:**

Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**Shelf Life Statement: Not available.**

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Aliphatic Urethane Acrylate Oligomer	None	None	None	None
4-(1-oxo-2-propenyl)-morpholine	None	None	None	None
1H-Pyrrole-2,5-dione, 1-phenyl-	None	None	None	None
Reaction mass of pentamethyl-4-piperidylsebacates	None	None	None	None
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	None	None	None	None
Glycerol, propoxylated, esters with acrylic acid 1-6.5PO	None	None	None	None

**Engineering controls:**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:**

When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed. Workers likely to be exposed by inhalation to dust or vapors are required to wear a respirator of a type listed at 40CFR 721.63(a)(5). Each person who is reasonably likely to be exposed to this product by inhalation in the work area is required to wear, at a minimum, a NIOSH-approved respirator with assigned protection factor (APF) of at least 50. Do not breathe dust, spray, or mist.

**Eye/face protection:**

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.

**Skin protection:**

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Cover as much of the exposed skin area as possible with appropriate clothing. Safety 4/4HEV OH/PE laminate gloves, Ansell Edmont Neoprene number 865 gloves, and Solvex Nitrile Rubber number 275 gloves have been tested using ASTM F739 method and approved by EPA to satisfy the consent orders. For more information please refer to 40 CFR 721.5185.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Black
<b>Odor:</b>	Acrylate
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not applicable, Mixture is non-soluble (in water).
<b>Vapor pressure:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Melting point/ range:</b>	Not available.
<b>Specific gravity:</b>	1.10
<b>Vapor density:</b>	Not available.
<b>Flash point:</b>	> 93.3 °C (> 199.94 °F)
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Autoignition temperature:</b>	Not available.
<b>Flammability:</b>	Not applicable
<b>Evaporation rate:</b>	Not available.
<b>Solubility in water:</b>	Not available.
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>VOC content:</b>	Not available.
<b>Viscosity:</b>	13,000 mPa.s
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of storage and use.
<b>Hazardous reactions:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.
<b>Incompatible materials:</b>	Strong reducing agents. Free radical initiators. Inert gases. Oxygen scavengers. Strong oxidizing agents. Amines, strong alkalis Reactive metals. Peroxides. Other polymerization initiators. Strong bases. Iron. Rust. Copper. Copper alloys.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials. UV light. Avoid contact with water. Avoid dust formation.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system. N-Phenylmaleimide is highly toxic by inhalation. Avoid inappropriate handling, which may result in aerosol/dust generation.

**Skin contact:** Causes skin irritation. May cause allergic skin reaction.

**Eye contact:** Causes serious eye damage.

**Ingestion:** Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Aliphatic Urethane Acrylate Oligomer	None	No Data
4-(1-oxo-2-propenyl)-morpholine	None	No Target Organs
1H-Pyrrole-2,5-dione, 1-phenyl-	Inhalation LC50 (Rat, 4 h) = 0.034 mg/l	Irritant
Reaction mass of pentamethyl-4-piperidylsebacates	None	No Data
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	None	No Records
Glycerol, propoxylated, esters with acrylic acid 1-6.5PO	None	Allergen, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Aliphatic Urethane Acrylate Oligomer	No	No	No
4-(1-oxo-2-propenyl)-morpholine	No	No	No
1H-Pyrrole-2,5-dione, 1-phenyl-	No	No	No
Reaction mass of pentamethyl-4-piperidylsebacates	No	No	No
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	No	No	No
Glycerol, propoxylated, esters with acrylic acid 1-6.5PO	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### Canada Transportation of Dangerous Goods - Ground

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Environmentally hazardous substance, liquid, n.o.s. (n-Phenylmaleimide)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (n-Phenylmaleimide)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III  
**Marine pollutant:** n-Phenylmaleimide

**15. REGULATORY INFORMATION****Canada Regulatory Information**

**CEPA DSL/NDL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

**Hazardous Materials Information Review Act:** ??  
??

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

**16. OTHER INFORMATION**

**This safety data sheet contains changes from the previous version in sections: 2, 7, 8, 9, 11**

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 01/13/2022

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

This Safety Data Sheet has been generated based on the Canadian Hazardous Products Regulations (WHMIS 2015) and provides information in accordance with Canadian law only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.