



01. Product and Company Identification

PRO9499 White

Product name

- Albert ID: MO499-040
- Product type/use: Acrylics
- Jurisdiction: United States of America

MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711  
TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887

Henkel Corporation,  
One Henkel Way, Rocky Hill, Connecticut, USA  
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Use according to the R&D exemption provided by TSCA 40 CFR 720.36.

Restriction of Use: Warning - This experimental sample is to be used for research and development only. This experimental sample should not be used for commercial purposes. The use of this experimental sample should be supervised by technically qualified individual. Information is not available on the possible hazards of this experimental sample.

02. Hazards Identification

DANGER

Signal Word



GHS CLASSIFICATION\*

Hazard Class	Hazard Statement	Hazard Category
Serious Eye Damage	Causes serious eye damage (H318)	1
Reproductive Toxicity	Suspected of damaging fertility or the unborn child (H361)	2
Skin Sensitization	May cause an allergic skin reaction (H317)	1

\*Percentage of the mixture consisting of ingredient(s) of unknown hazards: 26%

Precautionary Statements

**Prevention:** (P203) Obtain, read and follow all safety instructions before use. (P261) Avoid breathing dust/fume/gas/mist/vapours/spray. (P264+P265) Wash hands thoroughly after handling. Do not touch eyes. (P272) Contaminated work clothing should not be allowed out of the workplace. (P280) Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** (P302+P352) IF ON SKIN: Wash with plenty of water. (P305+P354+P338) IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.



(P317) Get emergency medical help. (P318) if exposed or concerned, get medical advice. (P321) Specific treatment (see ... on this label). (P333+P313) If skin irritation or rash occurs: Get medical advice/attention. (P362+P364) Take off contaminated clothing and wash it before reuse.



**Storage:** (P405) Store locked up.



**Disposal:** (P501) Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 of the SDS for Toxicological Data.

## 03. Composition / Information on Ingredients

Hazardous Component(s)	CAS Number	Percentage*
Acrylic Resin	Proprietary	10-30%
Acrylic ester	Proprietary	10-30%
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	1-5%
Titanium dioxide	13463-67-7	0.1-1%
Acrylate ester	Proprietary	0.1-1%
Acrylate	Proprietary	0.1-1%

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

## 04. First Aid Measures



**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel.



**Skin contact:** 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. If symptoms develop and persist, get medical attention.



**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention immediately.



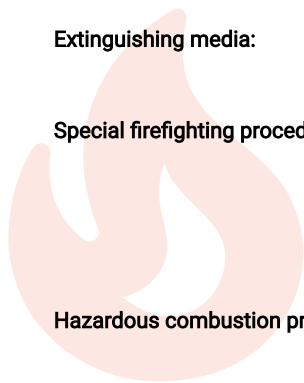
**Ingestion:** Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.



**Symptoms:** See Section 11 of the SDS for Toxicological Data.

## 05. Fire Fighting Measures





<b>Extinguishing media:</b>	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray, foam, dry powder or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Ensure all waste water is collected and treated via a waste water treatment plant. Keep unnecessary personnel away. The product may undergo spontaneous polymerization at high temperatures. Polymerization is exothermic and may cause damage to the container and/or release of thermal decomposition products. Water or fog may cause frothing which can be violent especially if sprayed into containers of hot or burning liquid. Sealed containers at elevated temperatures or contaminated with water may rupture explosively.
<b>Hazardous combustion products:</b>	Toxic fumes. Irritating vapors. Oxides of carbon. Oxides of nitrogen. Oxides of silicon. Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

## 06. Accidental Release Measures

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ensure adequate ventilation. Wear appropriate personal protective equipment.	
<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways. Prevent further leakage or spillage if safe to do so.
<b>Clean-up methods:</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

## 07. Handling and Storage



Handling

Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed. See Section 8 of the SDS for Personal Protective Equipment. Ventilation will remove any ozone that may be produced by the ultra violet lamp



Storage

Keep container tightly closed in a cool, well-ventilated place. Store away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight.

## 08. Exposure Controls / Personal Protection

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Acrylic ester	None	None	None	None
Acrylate	None	None	None	None
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	None	None	None	None
Acrylate ester	None	None	None	None
Titanium dioxide	0.2 mg/m3 TWA Respirable nanoscale particles 2.5 mg/m3 TWA Respirable finescale particles	10 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 PEL Total dust. 15 mg/m3 TWA Total dust.	None	None



5 mg/m3 TWA Respirable  
fraction.  
50 MPPCF TWA Total dust.

Acrylic Resin	None	None	None	None
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<b>Engineering controls:</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
<b>Respiratory protection:</b>	Use approved respirator if there is potential to exceed exposure limit(s). Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area. Filter type: A (EN 14387)
<b>Eye/face protection:</b>	Wear safety glasses with side shields (or goggles). Full face protection should be used if the potential for splashing or spraying of product exists. Provide eyewash station and safety shower. Protective eye equipment should conform to EN166.
<b>Skin protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

## 09. Physical and Chemical Properties

<b>Physical state:</b>	Liquid	<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Color:</b>	White	<b>Autoignition temperature:</b>	Not available.
<b>Odor:</b>	Not available.	<b>Flammability:</b>	Not available.
<b>Odor threshold:</b>	Not available.	<b>Evaporation rate:</b>	Not available.
<b>pH:</b>	Not available.	<b>Solubility in water:</b>	Not available.
<b>Vapor pressure:</b>	Not available.	<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>Boiling point/range:</b>	Not available.	<b>VOC content:</b>	Not available.
<b>Melting point/ range:</b>	Not available.	<b>Viscosity:</b>	500
<b>Specific gravity:</b>	1	<b>Decomposition temperature:</b>	Not available.
<b>Vapor density:</b>	Not available.		
<b>Flash point:</b>	>93°C		

## 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions of storage and use.
<b>Hazardous reactions:</b>	Not available.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen. Oxides of silicon. Toxic fumes. Irritating vapors.
<b>Incompatible materials:</b>	Oxidizing agents. Acids. Bases, alkalies (organic). Amines Reducing agents. Free radical initiators. Inert gases. Reactive metals. Oxygen scavengers.
<b>Reactivity:</b>	Stable under normal conditions of storage and use.
<b>Conditions to avoid:</b>	Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. Protect from freezing. UV light.

## 11. Toxicological Information

Relevant routes of exposure: Skin, Inhalation, Eyes

<b>Inhalation:</b>	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
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**Skin contact:** Causes skin irritation. May cause allergic skin reaction.

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

**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
Acrylic ester	None	None
Acrylate	Dermal LD 50 (Rabbit) 1010 mg/kg Inhalation LC 50 (Rat) 0.33 mg/kg	None
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	None	None
Acrylate ester	Inhalation LC 50 (Rat) 0.55 mg/kg	None
Titanium dioxide	Inhalation LC 50 (Rat) 2.28 mg/kg	Lower Respiratory Tract irritation, Respiratory system
Acrylic Resin	None	None

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Acrylic ester	No	No	No
Acrylate	No	No	No
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	No	No	No
Acrylate ester	No	Group 2B	No
Titanium dioxide	No	Group 2B	No
Acrylic Resin	No	No	No

## 12. Ecological Information

Ecological information: Not available.

## 13. Disposal Considerations

Do not empty into drains, soil or bodies of water. 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.

**Recommended method of disposal:** After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

## 14. Transport Information

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

**U.S. Department of Transportation Ground (49 CFR)**





Proper shipping name:	Not Regulated
Hazard class or division:	Not Regulated
Identification number:	Not Regulated
Packing group:	Not Regulated
Marine Pollutant:	Not applicable.
Reportable Quantity:	None

#### International Air Transportation (ICAO/IATA)



Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Acrylic Resin; Acrylic ester)
Hazard class or division:	9
Identification number:	UN3082
Packing group:	III
Exceptions:	None
Reportable Quantity:	None

#### Water Transportation (IMO/IMDG)



Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Acrylic Resin ; Acrylic ester )
Hazard class or division:	9
Identification number:	UN3082
Packing group:	III
Marine Pollutant:	Acrylic Resin ; Acrylic ester
Reportable Quantity:	None

## 15. Regulatory Information

### United States Regulatory Information

<b>TSCA 8 (b) Inventory Status:</b>	One or more components of this product are not listed and/or not active on the U.S Toxic Substances Control Act (TSCA) inventory. As such, this product may only be used for research and development purposes as described in 40 CFR 720.36.
<b>TSCA 12 (b) Export Notification:</b>	None above reporting de minimis.
<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimis.
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health, Delayed Health
<b>CERCLA/SARA Section 313:</b>	None above reporting de minimis.
<b>California Proposition 65:</b>	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

## 16. Other Information

This safety data sheet contains changes from the previous version in sections: Not available.

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