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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Loctite(R) 7090 Primer N Solventless Activator  
**Product type:** Primer  
**Company address:** Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item No. :** 19368  
**Region:** United States  
**Contact Information:**  
Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
Internet: www.loctite.com

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Hydroxyalkyl methacrylate 27813-02-1	60-100	None	None	1 ppm TWA; 3 ppm STEL
Trialkylammonium carboxylate 58823-74-8	1-5	None	None	None
Methacrylic acid 79-41-4	1-5	20 ppm TWA	None	None
2-Ethylhexanoic acid, copper salt 22221-10-9	1-5	0.2 mg/m <sup>3</sup> TWA fume 1 mg/m <sup>3</sup> TWA dust and mist, as Cu	0.1 mg/m <sup>3</sup> TWA fume 1 mg/m <sup>3</sup> TWA dusts and mists	None
2-Ethylhexanoic acid 149-57-5	1-5	5 mg/m <sup>3</sup> TWA inhalable fraction and vapor	None	None
Nonionic surfactant 9004-98-2	1-5	None	None	None

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

#### HMIS:

<b>Physical state:</b> Liquid	<b>HEALTH:</b> 2*
<b>Color:</b> Dark blue-green	<b>FLAMMABILITY:</b> 1
<b>Odor:</b> Slightly, Acrylic	<b>PHYSICAL HAZARD:</b> 1
	<b>Personal Protection:</b> See Section 8

**WARNING:** CAUSES EYE AND SKIN IRRITATION.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
MAY BE HARMFUL IF SWALLOWED.

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

#### Potential Health Effects

**Inhalation:** May cause irritation to nose and throat.  
**Skin contact:** Irritating to skin. May cause allergic skin reaction.  
**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Ingestion:** May cause gastrointestinal tract irritation if swallowed.

Item No. : 19368

Product name: Loctite(R) 7090 Primer N Solventless Activator

Existing conditions aggravated by exposure:

Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If symptoms develop and persist, get medical attention.

**Skin contact:** Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

**Eye contact:** Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

**Ingestion:** Do not induce vomiting. Keep individual calm. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

**Flash point:** Greater than 93°C (200°F) Pensky Martens closed cup

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** Not available

**Flammable/Explosive limits-upper %:** Not available

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

**Special fire fighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Prevent product from entering drains or open waters.

**Clean-up methods:** Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

#### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

**Storage:** For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**Incompatible products:** Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Item No. : 19368

Product name: Loctite(R) 7090 Primer N Solventless Activator

**Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact. Nitrile gloves. Neoprene gloves.

**Eye/face protection:** Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Dark blue-green  
**Odor:** Slightly, Acrylic  
**Vapor pressure:** Less than 0.05 mm Hg at 20°C (68°F)  
**pH:** Not applicable  
**Boiling point/range:** 20°C (68°F) at 1 mm Hg.  
**Melting point/range:** Not available  
**Specific gravity:** 1.035  
**Vapor density:** Approximately 1  
**Evaporation rate:** Not available  
**Solubility in water:** Slight  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** 97.14%; 1005 grams/liter (EPA Method 24)

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

**Incompatibility:** Strong oxidizers. Reducing agents. Amines. Peroxides. Free radical initiators.

**Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Hydroxyalkyl methacrylate 27813-02-1	No	No	No
Trialkylammonium carboxylate 58823-74-8	No	No	No
Methacrylic acid 79-41-4	No	No	No
2-Ethylhexanoic acid, copper salt 22221-10-9	No	No	No
2-Ethylhexanoic acid 149-57-5	No	No	No
Nonionic surfactant 9004-98-2	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Hydroxyalkyl methacrylate 27813-02-1	Allergen, Irritant
Trialkylammonium carboxylate 58823-74-8	No data
Methacrylic acid 79-41-4	Allergen, Corrosive, Irritant
2-Ethylhexanoic acid, copper salt 22221-10-9	No Target Organs
2-Ethylhexanoic acid 149-57-5	Developmental, Eyes, Irritant, Liver, Reproductive
Nonionic surfactant 9004-98-2	Irritant, Allergen

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**EPA hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

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

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA):**

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG):**

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None  
**Marine pollutant:** None

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** 4-Methoxyphenol (150-76-5).

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard  
**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). 2-Ethylhexanoic acid, copper salt (CAS# 22221-10-9).

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer.

### Canada Regulatory Information

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Domestic Substances List.  
**WHMIS hazard class:** D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 2, 11

**Prepared by:** Kyra Kozak Woods, Product Safety and Regulatory Affairs Specialist

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