Material Safety Data Sheet

Revision Date: 04/26/2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCQUIC(R) PRIMER N 7649
Product type: Accelerator
Company address: Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No.: 21348
Region: United States
Contact Information:
Phone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>60-100</td>
<td>500 ppm TWA</td>
<td>750 ppm STEL</td>
<td>None</td>
</tr>
<tr>
<td>87-64-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isobutane</td>
<td>10-30</td>
<td>1000 ppm TWA</td>
<td>Listed under Aliphatic hydrocarbon gases alkane C1-C4</td>
<td>None</td>
</tr>
<tr>
<td>75-29-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

<table>
<thead>
<tr>
<th>HMIS:</th>
<th>HEALTH:</th>
<th>FLAMMABILITY:</th>
<th>PHYSICAL HAZARD:</th>
<th>Personal Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2*</td>
<td>3</td>
<td>0</td>
<td>See Section 8</td>
</tr>
</tbody>
</table>

**DANGER:** FLAMMABLE LIQUID AND VAPOR. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Inhalation, Skin contact, Eye contact, Ingestion

**Potential Health Effects**

**Inhalation:** Harmful if inhaled. Vapors and mists will irritate nose and throat and possibly eyes. May cause respiratory tract irritation. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

**Skin contact:** May cause skin irritation. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.

**Ingestion:** Harmful if swallowed.

**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 discomfort persists seek medical attention.

Skin contact: Wash with soap and water.

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

Ingestion: If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: -20°C (-4°F) (estimated)

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: Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.


6. ACCIDENTAL RELEASE MEASURES

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

Clean-up methods: Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.

Storage: Store away from heat, sparks, flames, or other sources of ignition. For safe storage, store at or below 40°C (104°F).

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 ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

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

Item No.: 21348

Product name: LOCUIC(R) PRIMER N 7849
Skin protection: Chemical resistant, impermeable gloves. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

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

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Green</td>
</tr>
<tr>
<td>Odor:</td>
<td>Acetone</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>172 mmHg at 20 °C (68 °F)</td>
</tr>
<tr>
<td>pH:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point/range:</td>
<td>56°C (133°F) (Base only)</td>
</tr>
<tr>
<td>Melting point/range:</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>0.7936</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>2.0</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>1.9 (Ethanol = 1)</td>
</tr>
<tr>
<td>Solubility in water:</td>
<td>Completely miscible</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC content:</td>
<td>1.48%, 11.7 g/liter (EPA Method 24)</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.


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

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Isobutane 75-28-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Literature Referenced Target Organ & Other Health Effects

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Health Effects/Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>Blood, Central nervous system, Irritant, Reproductive</td>
</tr>
<tr>
<td>Isobutane 75-28-5</td>
<td>Cardiac, Central nervous system, Lung</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecological information: Not available

Item No.: 21348

Product name: LOCQUIC(R) PRIMER N 7649
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: D001: Ignitable.

14. TRANSPORT INFORMATION

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

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

Exceptions: Consumer Commodity ORM-D (Not more than 1 Litter)

International Air Transportation (ICAO/IATA):

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN1950
Packing group: None

Exceptions: May Qualify as Consumer Commodity ID8000 (Not more than 30 kg)

WaterTransportation (IMO/IMDG):

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN1950
Packing group: None

Exceptions: Limited quantity (Not more than 1 L)

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: None.

CERCLA/SARA Section 302 EHS: None.
CERCLA/SARA Section 311/312:
CERCLA/SARA 313:

California Proposition 65: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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: A, B, 5, D, 2A, D, 2B
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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