1. PRODUCT AND COMPANY IDENTIFICATION
Product name: C5-A Copper Based Anti-Seize Aerosol
Item number: 51003
Product Type: Lubricant
Company Address: Henkel Loctite Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut. 06067
Medical Emergency Number: (860) 571-5100
Fax: (860) 571-5465

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>%</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated paraffinic</td>
<td>64742-54-7</td>
<td>1-5</td>
<td>TWA: 5 STEL: 10 mg/m3 ACGIH</td>
</tr>
<tr>
<td>Petroleum lubricating oil</td>
<td>64742-65-0</td>
<td>1-5</td>
<td>TWA: 5 STEL: 10 mg/m3 ACGIH</td>
</tr>
<tr>
<td>Residual oils (petroleum), hydrotreated</td>
<td>64742-57-0</td>
<td>1-5</td>
<td>TWA: 5 STEL: 10 mg/m3 ACGIH</td>
</tr>
<tr>
<td>Residual oils (petroleum), solvent-de-waxed</td>
<td>64742-62-7</td>
<td>1-5</td>
<td>TWA: 5 STEL: 10 mg/m3 ACGIH</td>
</tr>
<tr>
<td>Mineral oil</td>
<td>64742-52-5</td>
<td>5-10</td>
<td>TWA: 5 STEL: 10 mg/m3 ACGIH</td>
</tr>
<tr>
<td>Calcium hydroxide</td>
<td>1305-62-0</td>
<td>1-5</td>
<td>TWA: 2 mg/m3 ACGIH respirable</td>
</tr>
<tr>
<td>Graphite</td>
<td>7782-42-5</td>
<td>1-5</td>
<td>TWA: 5 mg/m3 OSHA respirable</td>
</tr>
<tr>
<td>Silica, quartz</td>
<td>14808-60-7</td>
<td>1-5</td>
<td>TWA: 0.05 mg/m3 OSHA respirable</td>
</tr>
<tr>
<td>Copper</td>
<td>7440-50-8</td>
<td>5-10</td>
<td>TWA: 1 mg/m3 ACGIH respirable</td>
</tr>
<tr>
<td>n-Hexane</td>
<td>110-54-3</td>
<td>10-20</td>
<td>TWA: 50 ppm ACGIH SKIN</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>10-20</td>
<td>TWA: 1640 STEL: 2050 mg/m3 ACGIH</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>142-82-5</td>
<td>10-20</td>
<td>TWA: 2500 ppm ACGIH</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>5-10</td>
<td>TWA: 1000 ppm OSHA</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

PHYSICAL STATE:Aerosol COLOR:Gray ODOR: Solvent.
DANGER! EXTREMELY FLAMMABLE. CAUSES SEVERE EYE AND SKIN IRRITATION.
HARMFUL IF INHALED OR SWALLOWED.
Potential Health Effects
Eye:

Skin:
Severe skin irritation. Prolonged contact may cause burns

Ingestion:
Harmful if swallowed. Moderately toxic by ingestion

Inhalation:
Harmful if inhaled. Liquid aspirated into the lungs may cause serious injury or death. Causes respiratory tract irritation.

Conditions Aggravated by Exposure:
Skin disorders. Eye disorders.

Chronic:
Detailed information provided in section 11.

4. FIRST AID MEASURES
Eye:
Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin:
Immediately flush skin with plenty of water (using soap, if available) for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Ingestion:
Keep individual calm. DO NOT induce vomiting. Get medical attention.

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

Note to Physician:
None.

5. FIRE FIGHTING MEASURES
Flash Point:
CLOSED CUP: <0°F (<-18°C). Setaflash.

Extinguishing Media:
Dry chemical, CO2, alcohol foam or water fog

Flammable Limits:
LOWER: 1%  UPPER: 9.5%

Special Fire Fighting Procedures:
Hazardous Combustion Products:
Oxides of carbon.

Unusual Fire or Explosion Hazards:
None.

6. ACCIDENTAL RELEASE MEASURES
In Case of Spill or Leak:
Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away.

7. HANDLING AND STORAGE
Handling:
Do not puncture or incinerate container. Keep away from heat, sparks and flame. Use only with adequate ventilation.
Product Name: C5-A Copper Based Anti-Seize A  
Item No.: 51003

Storage:  
Keep in a cool and well-ventilated area.

For information on product shelf life, contact Loctite Customer Service at 1(800)243-4874

8. EXPOsure CONTROLS/PERSONAL PROTECTION

Engineering Controls:  
Use local exhaust ventilation if the potential for airborne exposure exists.

Eye/Face Protection:  
Chemical splash goggles or safety glasses with side shields. Full face shield should be used if the potential exists for splashing or spraying of product.

Skin Protection:  
Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Respiratory Protection:  
Use a NIOSH approved air-purifying respirator with an organic vapor cartridge. Use a full face supplied air respirator if airborne concentrations exceed established exposure limits.

See Section 2 COMPOSITION/INFORMATION ON INGREDIENTS for exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Gray
Material State: Aerosol
Odor: Solvent.
Boiling point: Not applicable.
pH: Not applicable.
Solubility in Water: Insoluble
Specific gravity: 1.14
VOC: 447g/l
Vapor Pressure: Not available.
Vapor density: >1 (Air = 1)
Evaporation Rate: >1 compared to Butyl acetate.

10. STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: None known
Incompatibility: Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Oxides of carbon.

11. TOXICOLOGY INFORMATION

Product Toxicology Data: Not available.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Petroleum lubricating oil</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Residual oils (petroleum), hydrotreated solvent-de-waxed</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Residual oils (petroleum), solvents-de-waxed</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
Product Name: C5-A Copper Based Anti-Seize A
Item No.: 51003

Mineral oil          No  No  No  No
Calcium hydroxide   No  No  No  No
Graphite             No  No  No  No
Silica, quartz      1   1   +
Copper               No  No  No  No
n-Hexane             No  No  No  No
Isobutane            No  No  No  No
n-Heptane            No  No  No  No
Propane              No  No  No  No

Key to abbreviations:
NTP 1 - Known carcinogen. IARC 1 - Carcinogenic to human. OSHA + - Proven.

Ingredient                              Health Effects/Target organs
Distillates (petroleum), hydrotreated heavy paraffinic Irritant.
Petroleum lubricating oil               Irritant.
Residual oils (petroleum), hydrotreated Irritant.
Residual oils (petroleum), solvent-de-waxed Irritant.
Mineral oil                              Irritant.
Calcium hydroxide                       Irritant. Corrosive.
Graphite                                 Lung.
Silica, quartz                           Lung. Immune system. Some evidence of carcinogenicity.
Isobutane                                Cardiac. Central nervous system. Lung.
n-Heptane                                Central nervous system. Irritant.
Propane                                  Cardiac. Central nervous system. Irritant.

12. ECOLOGICAL INFORMATION
Ecological Information: None known

13. DISPOSAL CONSIDERATIONS
Recommended Method of Disposal:
Dispose according to EPA and local governmental regulations.

EPA Hazardous Waste Number:
D001: Ignitable Waste

14. TRANSPORTATION INFORMATION
Domestic Transportation (D.O.T. 49 CFR)-GROUND
Shipping Description:
Shipping name: Consumer Commodity
Class/Division: (ORM-D)
IDENTIFICATION Number: UN1950
Packing group: Not applicable.
Exceptions:
None.
International Air Transportation (ICAO/IATA)-
Shipping description:
   Shipping name: Aerosols, Flammable
   Class/Division: 2.1
   Identification Number: Un1950
   Packing group: Not applicable.
Exceptions:
   None.
Marine pollutant:
   None known
15. REGULATORY INFORMATION
SARA Title III Section 313 Chemicals:
   Copper, n-Hexane
SARA Title III Section 311/312:
   None.
Toxic Substances Control Act:
   All components are listed on or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA Section 12(b) annual:
   None.
TSCA Section 12(b) one time:
   None.
Canadian Inventory Status:
   All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
California Proposition 65:
   No California Proposition 65 chemicals are known to be present.
16. OTHER INFORMATION
NFPA Code:
   Health: 2
   Flammability: 4
   Reactivity: 0
   Special: None
HMIS Code:
   Health: 2 *
   Flammability: 4
   Reactivity: 0
   Protective Equipment: See Section 8.