1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: X-NMS Clean Up Solvent for Instant Adhesive
Product type: Solvent
Company address: Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No.: 76820
Region: United States

Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components |
<table>
<thead>
<tr>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitromethane</td>
</tr>
<tr>
<td>75-52-5</td>
</tr>
<tr>
<td>60-100</td>
</tr>
<tr>
<td>20 ppm TWA</td>
</tr>
<tr>
<td>100 ppm TWA</td>
</tr>
<tr>
<td>250 mg/m³ TWA</td>
</tr>
<tr>
<td>None</td>
</tr>
<tr>
<td>Toluene</td>
</tr>
<tr>
<td>108-88-3</td>
</tr>
<tr>
<td>5-10</td>
</tr>
<tr>
<td>50 ppm TWA (skin)</td>
</tr>
<tr>
<td>200 ppm TWA</td>
</tr>
<tr>
<td>300 ppm Ceiling</td>
</tr>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

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

Potential Health Effects:

Inhalation: 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. Redness.

Eye contact: Moderate eye irritation. Non-irritating. May cause corneal injury.

Ingestion: Not expected under normal conditions of use.

Existing conditions aggravated by exposure:
None generally recognized.

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.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Do not induce vomiting. Drink 1 or 2 glasses of water. Obtain medical attention. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Flash point: 32°C (95°F)  Closed cup

Autoignition temperature: Not determined

Flammable/Explosive limits-lower %: 7.3

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Carbon dioxide (CO2). Foam. Water spray.

Special fire fighting procedures: Wear self-contained breathing apparatus and protective suite.

Unusual fire or explosion hazards: Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air.


6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Remove sources of ignition. Contain spill.

Clean-up methods: Soak up with inert absorbent. Store in a closed container until ready for disposal. Rinse spill area with water.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing.

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

Incompatible products: Not available

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Ensure adequate ventilation. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

Skin protection: Cover as much of the exposed skin area as possible with appropriate clothing.


Item No.: 76820

Product name: X-NMS Clean Up Solvent for Instant Adhesive
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Clear
Odor: Slight
Vapor pressure: 25 mmHg @20°C (68° F)
pH: Not applicable
Boiling point/range: Approximately 111°C (214°F)
Melting point/range: Not available
Specific gravity: 1.1
Vapor density: 2.1 (air equals 1)
Evaporation rate: Approximately 6 (Ether = 1)
Solubility in water: 9%
Partition coefficient (n-octanol/water): Not available
VOC content: 100%; 1100 grams/liter (EPA Method 24)

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions
Hazardous polymerization: Will not occur.
Hazardous decomposition products: None
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Acute LD50 (oral): 940 (rat). (estimated).

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>Nitromethane 75-52-5</td>
<td>Suspect carcinogen</td>
<td>Group 2B</td>
<td>Yes</td>
</tr>
<tr>
<td>Toluene 108-88-3</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>Nitromethane 75-52-5</td>
<td>Blood, Bone Marrow, Irritant, Kidney, Liver, Nervous System, Reproductive, Some evidence of carcinogenicity</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with Federal, State and local regulations.

EPA hazardous waste number: D001: Ignitable.

Item No.: 76820

Product name: X-NMS Clean Up Solvent for Instant Adhesive
14. TRANSPORT INFORMATION

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

Proper shipping name: Nitromethane
Hazard class or division: 3
Identification number: UN 1261
Packing group: II
Exceptions: Consumer Commodity ORM-D (Not more than 1 Liter)

International Air Transportation (ICAO/IATA):

Proper shipping name: Nitromethane (Forbidden)
Hazard class or division: Forbidden
Identification number: Forbidden
Packing group: Forbidden

WaterTransportation (IMO/IMDG):

Proper shipping name: Nitromethane
Hazard class or division: 3
Identification number: UN1261
Packing group: II
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: Immediate Health Hazard, Delayed Health Hazard, Fire
CERCLA/SARA 313: Toluene (CAS# 108-88-3).

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.

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 13

Prepared by: C.J. Michaels, Senior Product Safety & Regulatory Affairs Specialist

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