1. IDENTIFICATION

Product identifier
Product Name: BLUESKIN LVC ADHESIVE

Other means of identification
Product Code: HE574
Synonyms: None

Recommended use of the chemical and restrictions on use
Recommended Use: Adhesive/Primer.
Uses advised against: No information available

Details of the supplier of the safety data sheet
Manufacturer Address
HENRY COMPANY
999 N. Sepulveda Blvd., Suite 800
El Segundo, CA  90245-2716
Company Contact: Technical Services
Telephone Number: 800-486-1278
Web Site: www.henry.com  www.ca.henry.com

Emergency telephone number
Emergency Telephone
CHEMTREC: 800-424-9300
CHEMTREC: 703-527-3887
CANUTEC: 613-966-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation.  May cause drowsiness or dizziness
Highly flammable liquid and vapor
Appearance: viscous  
Physical state: liquid  
Odor: Solvent

Precautionary Statements - Prevention
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Use only outdoors or in a well-ventilated area
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Keep cool
- Use explosion-proof electrical/ ventilating / lighting/ mixing / equipment

Precautionary Statements - Response
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- If skin irritation occurs: Get medical advice/attention
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor/physician if you feel unwell
- In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
- Store in a well-ventilated place. Keep container tightly closed
- Store locked up

Precautionary Statements - Disposal
- Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
- Not applicable

Other Information
- Toxic to aquatic life with long lasting effects
- Unknown acute toxicity
- 26.92960329% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Methyl acetate</td>
<td>79-20-9</td>
<td>30 - 60</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Hydrocarbon Resins</td>
<td>Proprietary</td>
<td>15 - 40</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Hexane (Mixed Isomers)</td>
<td>110-54-3</td>
<td>7 - 13</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Benzene, 1-chloro-4-(trifluoromethyl)</td>
<td>98-56-6</td>
<td>7 - 13</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Mineral Oil</td>
<td>64742-52-5</td>
<td>3 - 7</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>1 - 5</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.
4. FIRST AID MEASURES

Description of first aid measures

Eye contact  Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin contact  Wash off immediately with plenty of water. If skin irritation persists, call a physician.

Inhalation  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion  If swallowed, call a poison control center or physician immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms  Drowsiness. Dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physicians  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
CO2, dry chemical, dry sand, alcohol-resistant foam. Use water spray or fog; do not use straight streams. Cool containers with flooding quantities of water until well after fire is out.

Unsuitable extinguishing media  CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products  Carbon monoxide. Carbon dioxide (CO2). Flammable/toxic gases may accumulate in confined areas (basements, tanks, hopper/tank cars etc.).

Explosion data
Sensitivity to Mechanical Impact  None.
Sensitivity to Static Discharge  May be ignited by heat, sparks or flames.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions  Ensure adequate ventilation, especially in confined areas.

For emergency responders  Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions  See Section 12 for additional ecological information.

Methods and material for containment and cleaning up
Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials
Incompatible with strong acids and bases. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate, 79-20-9</td>
<td>STEL: 250 ppm TWA: 200 ppm</td>
<td>TWA: 200 ppm TWA: 610 mg/m³ (vacated) TWA: 200 ppm TWA: 610 mg/m³ (vacated) TWA: 250 ppm TWA: 610 mg/m³ (vacated) STEL: 760 mg/m³</td>
<td>IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m³ STEL: 760 mg/m³</td>
</tr>
<tr>
<td>Hexane (Mixed Isomers), 110-54-3</td>
<td>TWA: 50 ppm S*</td>
<td>TWA: 500 ppm TWA: 1800 mg/m³ (vacated) TWA: 50 ppm TWA: 1800 mg/m³ (vacated) STEL: 760 mg/m³</td>
<td>IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m³</td>
</tr>
<tr>
<td>Benzene, 1-chloro-4-(trifluoromethyl), 98-56-6</td>
<td>TWA: 2.5 mg/m³ F</td>
<td>TWA: 2.5 mg/m³ F TWA: 2.5 mg/m³ dust (vacated) TWA: 2.5 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>Cyclohexane, 110-82-7</td>
<td>TWA: 100 ppm</td>
<td>TWA: 300 ppm TWA: 1050 mg/m³ (vacated) TWA: 300 ppm (vacated) TWA: 1050 mg/m³</td>
<td>IDLH: 1300 ppm TWA: 300 ppm TWA: 1050 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls
Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
Wear protective gloves and protective clothing.

Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.
9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks &amp; Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>beige</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 56 °C / 133 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>-23 °C / -9 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&gt; 1</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>16%</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>1.2%</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>33 kPa @20°C</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>Heavier than air</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>0.92</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>partially soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>255 °C / 491 °F</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>&gt;20 cSt @ 40°C</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not an explosive</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Other Information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Softening point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Heat, flames and sparks. Take precautionary measures against static discharges.

Incompatible materials
Incompatible with strong acids and bases. Strong oxidizing agents.

Hazardous Decomposition Products
Carbon monoxide. Carbon dioxide (CO2). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Product Information

Inhalation
May cause drowsiness or dizziness. Inhalation of vapors in high concentration may cause irritation of respiratory system. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Eye contact
Irritating to eyes.

Skin contact
Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.

Ingestion
No data available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate 79-20-9</td>
<td>&gt; 5 g/kg (Rat)</td>
<td>&gt; 5 g/kg (Rabbit)</td>
<td>= 16000 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Hexane (Mixed Isomers) 110-54-3</td>
<td>= 25 g/kg (Rat)</td>
<td>= 3000 mg/kg (Rabbit)</td>
<td>= 48000 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Benzene, 1-chloro-4-(trifluoromethyl) 98-56-6</td>
<td>= 13 g/kg (Rat)</td>
<td>&gt; 2 mL/kg (Rabbit)</td>
<td>= 33 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>= 12705 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>= 13.9 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
Redness. Vapors may cause drowsiness and dizziness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil 64742-52-5</td>
<td>A2</td>
<td>Group 1</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration hazard
No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 8,558.00 mg/kg
ATEmix (dermal) 6,240.00 mg/kg
ATEmix (inhalation-dust/mist) 214.90 mg/kg
ATEmix (inhalation-vapor) 45,789.00 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity
28.93536 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate 79-20-9</td>
<td>120: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>295 - 348: 96 h Pimephales promelas mg/L LC50 flow-through 250 - 350: 96 h Brachydanio rerio mg/L LC50 static</td>
<td>1026.7: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Hexane (Mixed Isomers) 110-54-3</td>
<td>-</td>
<td>2.1 - 2.98: 96 h Pimephales promelas mg/L LC50 flow-through</td>
<td>1000: 24 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Benzene,</td>
<td>-</td>
<td>11.5 - 15.8: 48 h Lepomis</td>
<td>3.68: 48 h Daphnia magna mg/L</td>
</tr>
</tbody>
</table>
Persistence and degradability
No information available.

Bioaccumulation
Bioaccumulative potential.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate 79-20-9</td>
<td>0.18</td>
</tr>
<tr>
<td>Benzene, 1-chloro-4-(trifluoromethyl) 98-56-6</td>
<td>3.7</td>
</tr>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>3.44</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Do not reuse container.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>U056</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl acetate 79-20-9</td>
<td>Toxic Ignitable</td>
</tr>
<tr>
<td>Hexane (Mixed Isomers) 110-54-3</td>
<td>Toxic Ignitable</td>
</tr>
<tr>
<td>Cyclohexane 110-82-7</td>
<td>Toxic Ignitable</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
UN/ID no: UN1133
Proper shipping name: Adhesives
Hazard Class: 3
Packing Group: II

TDG
UN/ID no: UN1133
Proper shipping name: Adhesives
Hazard Class: 3
Packing Group: II

IATA
UN/ID no: UN1133
Proper shipping name: Adhesives
Hazard Class: 3
Packing Group: II

IMDG
UN/ID no: UN1133
Proper shipping name: Adhesives
Hazard Class: 3
Packing Group: II

15. REGULATORY INFORMATION

International Inventories
TSCA: Complies
DSL/NDSL: Complies
EINECS/ELINCS: Complies
ENCS: Complies
IECSC: Complies
KECL: Complies
PICCS: Complies
AICS: Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
Acute health hazard: Yes
Chronic Health Hazard: No
Fire hazard: Yes
Sudden release of pressure hazard: No
Reactive Hazard: No

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexane</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>
CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane (Mixed Isomers)</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ</td>
</tr>
<tr>
<td>110-54-3</td>
<td></td>
<td></td>
<td>RQ 2270 kg final RQ</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ</td>
</tr>
<tr>
<td>110-82-7</td>
<td></td>
<td></td>
<td>RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information
EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Issue Date 13-Jun-2015
Revision Date 13-Jun-2015
Revision Note No information available

Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet