Employee OSHA Training on Product Label Elements and Safety Data Sheets
The New Label Elements

• Product Identifier
• Supplier Identification
• Precautionary Statements
• Pictograms
• Signal Word
• Hazard Statement
• Supplemental Information
Product Identifier

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE
Product Name _____________________

SUPPLIER IDENTIFICATION

Company Name _____________________
Street Address _____________________
City ___________________ State ______
Postal Code ______ Country ______
Emergency Phone Number __________

PRECAUTIONARY STATEMENTS

Keep container tightly closed. Store in cool, well ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear Protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of fire: use dry chemical (BC) or Carbon dioxide (CO₂) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.

HAZARD PICTOGRAMS

SIGNAL WORD
Danger

HAZARD STATEMENT

Highly flammable liquid and vapor.
May cause liver and kidney damage.

SUPPLEMENTAL INFORMATION

Directions for use
________________________
________________________

Fill weight: ___________ Lot Number ___________

Gross weight: ________ Fill Date: ______
Expiration Date: __________
Supplier Information

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE __________________________
Product Name __________________

SUPPLIER IDENTIFICATION

Company Name __________________
Street Address ____________________
City __________________ State ______
Postal Code __________________ Country ______
Emergency Phone Number ____________

HAZARD PICTOGRAMS

Hazard Word: Danger

HAZARD STATEMENT

Highly flammable liquid and vapor. May cause liver and kidney damage.

PRECAUTIONARY STATEMENTS

Keep container tightly closed. Store in cool, well ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear Protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of fire: use dry chemical (BC) or Carbon dioxide (CO2) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.

SUPPLEMENTAL INFORMATION

Directions for use ____________________________________________________________
Fill date: ___________ Lot Number: __________
Gross weight: ___________ Fill Date: __________
Expiration Date: ____________
### Precautionary Statements

**PRODUCT IDENTIFIER**

- **Code**: 
- **Product Name**: 

**SUPPLIER IDENTIFICATION**

- **Company Name**: 
- **Street Address**: 
- **City**: State 
- **Postal Code**: Country 
- **Emergency Phone Number**: 

---

**HAZARD PICTOGRAMS**

- **Signal Word**: Danger

**HAZARD STATEMENT**

- **Highly flammable liquid and vapor.** 
- **May cause liver and kidney damage.**

---

**PRECAUTIONARY STATEMENTS**

- Keep container tightly closed. Store in cool, well ventilated place that is locked.
- Keep away from heat/sparks/open flame. No smoking.
- Only use non-sparking tools.
- Use explosion-proof electrical equipment.
- Take precautionary measure against static discharge.
- Ground and bond container and receiving equipment.
- Do not breathe vapors.
- Wear Protective gloves.
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after handling.
- Dispose of in accordance with local, regional, national, international regulations as specified.

**In Case of Fire:** use dry chemical (BC) or Carbon dioxide (CO₂) fire extinguisher to extinguish.

**First Aid**

- If exposed call Poison Center.
- If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
Prevention

SAMPLE LABEL

PRODUCT IDENTIFIER
CODE ___________________________
Product Name ___________________

SUPPLIER IDENTIFICATION
Company Name ___________________
Street Address ___________________
City __________________ State ______
Postal Code __________________ Country ______
Emergency Phone Number ___________

PRECAUTIONARY STATEMENTS
Keep container tightly closed. Store in cool, well ventilated place that is locked.

Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear Protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.

Disposal: In accordance with local, regional, national, international regulations as specified.

In Case of Fire: Use dry chemical (BC) or Carbon dioxide (CO2) fire extinguisher to extinguish.

First Aid:
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
Response

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE
Product Name __________________

SUPPLIER IDENTIFICATION

Company Name __________________
Street Address __________________
City __________ State __________
Postal Code ________ Country ________
Emergency Phone Number __________

PRECAUTIONARY STATEMENTS

Keep container tightly closed. Store in cool, well ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
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Take precautionary measure against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear Protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of fire: Use dry chemical (BC) or Carbon dioxide (CO2) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
Using the label in the workplace

• Information on the label can be used in an emergency to determine the best first aid.

**SAMPLE LABEL**

**PRODUCT IDENTIFIER**

- CODE
  - Product Name

**SUPPLIER IDENTIFICATION**

- Company Name
- Street Address
- City
- Postal Code
- Country
- Emergency Phone Number

**PRECAUTIONARY STATEMENTS**

- Keep container tightly closed. Store in cool, well-ventilated place that is locked.
- Keep away from heat/sparks/open flame. No smoking.
- Only use non-sparking tools.
- Use explosion-proof electrical equipment. Take precautionary measure against static discharge.
- Ground and bond container and receiving equipment.
- Do not breathe vapors.
- Wear Protective gloves.
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after handling.
- Dispose of in accordance with local, regional, national, international regulations as specified.
- **In Case of Fire:** use dry chemical (BC) or Carbon dioxide (CO2) fire extinguisher to extinguish.

**HAZARD PICTOGRAMS**

- SIGNAL WORD
  - Danger

**HAZARD STATEMENT**

- Highly flammable liquid and vapor. May cause liver and kidney damage.

**SUPPLEMENTAL INFORMATION**

- Directions for use
- Fill weight: ___________ Lot Number
- Gross weight: ___________ Fill Date: _____
- Expiration Date: ___________

**First Aid**

- If exposed call Poison Center.
- If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.
Storage

SAMPLE LABEL

PRODUCT IDENTIFIER
CODE ____________________________
Product Name ____________________

SUPPLIER IDENTIFICATION
Company Name _____________________
Street Address _____________________
City __________________ State ______
Postal Code _____ Country _________
Emergency Phone Number ____________

PRECAUTIONARY STATEMENTS
Keep container tightly closed. Store in cool, well ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear Protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of Fire: use dry chemical (BC) or Carbon dioxide (CO₂) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.

HAZARD PICTOGRAMS

SIGNAL WORD
Danger

HAZARD STATEMENT
Highly flammable liquid and vapor.
May cause liver and kidney damage.

SUPPLEMENTAL INFORMATION
Directions for use

Fill weight: ____________ Lot Number __________

Gross weight: ____________ Fill Date: _______
Disposal

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE
Product Name

SUPPLIER IDENTIFICATION

Company Name
Street Address
City
Postal Code
Country
Emergency Phone Number

HAZARD PICTOGRAMS

SIGNAL WORD
Danger

HAZARD STATEMENT
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First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.

SUPPLEMENTAL INFORMATION

Directions for use

Fill weight: Lot Number
Gross weight: Fill Date: Expiration Date:
Using the label in the workplace

• The label can be used to ensure proper storage of hazardous chemicals through taking into account the type of chemical, hazards, and precautionary statement.

---

 SAMPLE LABEL

<table>
<thead>
<tr>
<th>PRODUCT IDENTIFIER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CODE</td>
</tr>
<tr>
<td>Product Name _______</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUPPLIER IDENTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name</td>
</tr>
<tr>
<td>Street Address</td>
</tr>
<tr>
<td>City</td>
</tr>
<tr>
<td>State</td>
</tr>
<tr>
<td>Postal Code</td>
</tr>
<tr>
<td>Country</td>
</tr>
<tr>
<td>Emergency Phone Number</td>
</tr>
</tbody>
</table>

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<tr>
<th>PRECAUTIONARY STATEMENTS</th>
</tr>
</thead>
<tbody>
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<tr>
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<tr>
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</tr>
<tr>
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<tr>
<td>First Aid</td>
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<td>If exposed call Poison Center.</td>
</tr>
<tr>
<td>If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.</td>
</tr>
</tbody>
</table>

HAZARD PICTOGRAMS

SIGNAL WORD
Danger

HAZARD STATEMENT
Highly flammable liquid and vapor. May cause liver and kidney damage.

SUPPLEMENTAL INFORMATION
Directions for use
---

Fill weight: _________ Lot Number

Gross weight: _________ Fill Date: _________

Expiration Date: _________
Signal Word

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE

Product Name ____________________

SUPPLIER IDENTIFICATION

Company Name ____________________
Street Address ____________________
City ____________________ State ______
Postal Code __________ Country ______
Emergency Phone Number __________

HAZARD PICTOGRAMS

SIGNAL WORD

Danger

HAZARD STATEMENT

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Keep container tightly closed. Store in cool, well ventilated place that is locked.
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In Case of fire: Use dry chemical (BC) or Carbon dioxide (CO2) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
Hazard Statements

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE
Product Name

SUPPLIER IDENTIFICATION

Company Name
Street Address
City State
Postal Code Country
Emergency Phone Number

PRECAUTIONARY STATEMENTS

Keep container tightly closed. Store in cool, well-ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
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Do not breathe vapors.
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In Case of Fire: use dry chemical (BC) or Carbon dioxide (CO₂) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
Pictograms

SAMPLE LABEL

PRODUCT IDENTIFIER
CODE
Product Name

SUPPLIER IDENTIFICATION
Company Name
Street Address
City
Postal Code
Country
Emergency Phone Number

PRECAUTIONARY STATEMENTS
Keep container tightly closed. Store in cool, well ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
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Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of fire: Use dry chemical (BC) or Carbon dioxide (CO₂) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
Health Hazard

Used to warn of:
• Carcinogens
• Mutagenicity
• Reproductive Toxicity
• Respiratory Sensitizer
• Target Organ Toxicity
• Aspiration Toxicity
Flame

Used to warn of:
- Flammables
- Pyrophorics
- Self-heating
- Emits Flammable Gas
- Self-reactivates
- Organic peroxides
Exclamation Mark

Used to warn of:

• Irritant (skin or eye)
  • Skin Sensitizer
• Acute Toxicity (harmful)
  • Narcotic Effects
• Respiratory Tract Irritant
• Hazardous to Ozone Layer (non-mandatory)
Gas Cylinder

Used to warn of:
• Gas Under Pressure
Corrosion

Used to warn of:
• Skin Corrosion/Burns
  • Eye Damage
  • Corrosive to Metals
Exploding Bomb

Used to warn of:
- Explosives
- Self-reactives
- Organic Peroxides
Flame Over Circle

Used to warn of:

• Oxidizers
Skull and Crossbones

Used to warn of:
• Acute Toxicity (fatal or toxic)
How elements work together on label

- A chemical that has different components or multiple hazards may have multiple pictograms to help employees identify all potential hazards.
How elements work together on label

- The label may have multiple pictograms and hazard statements.
The Safety Data Sheet (SDS)

New Standardized 16-Section Format
GHS SAFETY DATA SHEET
Low VOC Cement for PVC Plastic Pipe

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Low VOC Cement for PVC Plastic Pipe
PRODUCT USE: Low VOC Solvent Cement for PVC Plastic Pipe
SUPPLIER:
MANUFACTURER:

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-246-0585 (International) Medical: Tel. 800.451.8346, 760.622.9703 3E Company (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Health</th>
<th>Acute Toxicity</th>
<th>Environmental</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>4</td>
<td>3</td>
<td>None Known</td>
<td>Category 2</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>3</td>
<td>2</td>
<td>None Known</td>
<td></td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>NO</td>
<td></td>
<td>None Known</td>
<td></td>
</tr>
<tr>
<td>Eye</td>
<td>3B</td>
<td></td>
<td>None Known</td>
<td></td>
</tr>
</tbody>
</table>

GHS LABEL: Danger

Signal Word: Danger

WHMIS CLASSIFICATION: CLASS B, DIVISION 2

Hazard Statements

H225: Highly flammable liquid and vapor
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H305/35: May cause drowsiness or dizziness
EH5019: May form explosive peroxides

Precautionary Statements

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P264: Avoid breathing dust/vapours/gas/ mist/vapors/spray
P337: P311: Get medical attention
P405: P233: Store in a well ventilated place. Keep container tightly closed
P861: Dispose of contents/container in accordance with local regulations

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>ENECS #</th>
<th>REACH Pre-registration Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>by Weight</td>
</tr>
<tr>
<td>199-99-9</td>
<td>203-725-8</td>
<td>05-216297-772-22-0000</td>
<td>15 - 30</td>
</tr>
<tr>
<td>78-03-3</td>
<td>201-159-0</td>
<td>05-216297-773-24-0000</td>
<td>25 - 40</td>
</tr>
<tr>
<td>105-84-1</td>
<td>203-631-1</td>
<td>05-216297-774-25-0000</td>
<td>20 - 30</td>
</tr>
<tr>
<td>67-04-1</td>
<td>200-662-2</td>
<td>05-216297-773-35-0000</td>
<td>5 - 15</td>
</tr>
</tbody>
</table>

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

* indicates that this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).

* indicates that this chemical is found on Proposition 65’s List of chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas, foam, Halon, water log.
Unsuitable Extinguishing Media: Water spray or stream.
Exposure Hazards: Inhalation anddermal contact
Combustion Products: Oxides of carbon, hydrogen chloride and smoke

Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure airline masks.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

...
SDS Sections 1 through 8

General information about the chemical:

- Section 1: identification*
- Section 2: hazard(s) identification*
- Section 3: composition/information on ingredients
- Section 4: first aid measures*
- Section 5: fire fighting measures*
- Section 6: accidental release information
- Section 7: handling and storage*
- Section 8: exposure controls/personal protection*

*Sections 1, 2, 4, 5, 7, 8 contain information also on the label
Section 1 – Product and Company Identification
### Section 2 – Hazards Identification

**GHS Classification:**
- **Health:**
  - Acute Toxicity: Category 4
  - Skin Irritation: Category 3
  - Skin Sensitization: NO
  - Eye: Category 2B
- **Environmental:**
  - Acute Toxicity: None Known
  - Chronic Toxicity: None Known
- **Physical:**
  - Flammable Liquid
  - Category 2

**GHS Label:**
- Safety symbol:
  - Fire
  - Exclamation mark
  - Crossed-out wheel

**Signal Word:**
- Danger

**WHMIS Classification:**
- CLASS B, DIVISION 2

**Hazard Statements:**
- H225: Highly flammable liquid and vapor
- H319: Causes serious eye irritation
- H335: May cause respiratory irritation
- H336: May cause drowsiness or dizziness
- EUH019: May form explosive peroxides

**Precautionary Statements:**
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P337+P313: Get medical advice/attention
- P403+P233: Store in a well ventilated place. Keep container tightly closed
- P501: Dispose of contents/container in accordance with local regulation
Section 2 – Hazards Identification

Hazard Statements:
- H225: Highly flammable liquid and vapor
- H319: Causes serious eye irritation
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Signal Word: Danger

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- P501: Dispose of contents/container in accordance with local regulation
### Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
<th>EINECS #</th>
<th>REACH Pre-registration Number</th>
<th>CONCENTRATION % by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran (THF)</td>
<td>109-99-9</td>
<td>203-726-8</td>
<td>05-2116297729-22-0000</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>78-93-3</td>
<td>201-159-0</td>
<td>05-2116297728-24-0000</td>
<td>25 - 40</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
<td>203-631-1</td>
<td>05-2116297718-25-0000</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>05-2116297713-35-0000</td>
<td>5 - 15</td>
</tr>
</tbody>
</table>

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).

# indicates that this chemical is found on Proposition 65’s List of chemicals known to the State of California to cause cancer or reproductive toxicity.
## Section 3 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS #</th>
<th>EINECS #</th>
<th>REACH Pre-registration Number</th>
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<tr>
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</thead>
<tbody>
<tr>
<td><strong>Contact with eyes:</strong></td>
</tr>
<tr>
<td><strong>Skin contact:</strong></td>
</tr>
<tr>
<td><strong>Inhalation:</strong></td>
</tr>
<tr>
<td><strong>Ingestion:</strong></td>
</tr>
</tbody>
</table>
## Section 5 – Firefighting Measures

| Suitable Extinguishing Media: | Dry chemical powder, carbon dioxide gas, foam, Halon, water fog. |
| Unsuitable Extinguishing Media: | Water spray or stream. |
| Exposure Hazards: | Inhalation and dermal contact |
| Combustion Products: | Oxides of carbon, hydrogen chloride and smoke |
| Protection for Firefighters: | Self-contained breathing apparatus or full-face positive pressure airline masks. |

| Suitable Extinguishing Media: | | | |
|-----------------------------|------------------|------------------|
| Suitable Extinguishing Media: | | | |
| Unsuitable Extinguishing Media: | | |
| Exposure Hazards: | | |
| Combustion Products: | | |
| Protection for Firefighters: | | |
Section 6 – Accidental Release Measures

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:
Keep away from heat, sparks and open flame. Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).

Environmental Precautions:
Methods for Cleaning up:
Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course. Clean up with sand or other inert absorbent material. Transfer to a closable steel vessel.

Materials not to be used for clean up:
Aluminum or plastic containers
Section 7 – Handling and Storage

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing.
Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods.
Do not eat, drink or smoke while handling.

Storage: Store in ventilated room or shade below 44°C (110°F) and away from direct sunlight.
Keep away from ignition sources and incompatible materials: caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.
Follow all precautionary information on container label, product bulletins and solvent cementing literature.
### Section 8 – Precautions to Control Exposure / Personal Protection

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>ACGIH STEL</th>
<th>OSHA PEL</th>
<th>OSHA STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrahydrofuran (THF)</td>
<td>50 ppm</td>
<td>100 ppm</td>
<td>200 ppm</td>
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<td>Methyl Ethyl Ketone (MEK)</td>
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- **Engineering Controls:** Use local exhaust as needed.
- **Monitoring:** Maintain breathing zone airborne concentrations below exposure limits.
- **Personal Protective Equipment (PPE):**
  - **Eye Protection:** Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.
  - **Skin Protection:** Prevent contact with the skin as much as possible. Butyl rubber gloves should be used for frequent immersion. Use of solvent-resistant gloves or solvent-resistant barrier cream should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.
  - **Respiratory Protection:** Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above. With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.
## Section 8 – Precautions to Control Exposure/Personal Protection

### Table: Exposure Limits

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**Personal Protective Measures**
## Section 8 – Precautions to Control Exposure/Personal Protection

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SDS Sections 9 through 11

Other technical and scientific information:

• Section 9: physical and chemical properties

• Section 10: stability and reactivity information

• Section 11: toxicological information
The SDS must also contain Sections 12 through 15:

- Section 12: ecological information
- Section 13: disposal considerations
- Section 14: transportation considerations
- Section 15: regulatory information
Section 16 – Other Information

<table>
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<tr>
<th>Specification information:</th>
<th>IPS, Safety Health &amp; Environmental Affairs</th>
<th>All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).</th>
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</thead>
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<td>IPS, Safety Health &amp; Environmental Affairs</td>
<td>All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).</td>
</tr>
<tr>
<td>E-mail address:</td>
<td><a href="mailto:EHSinfo@ipscorp.com">EHSinfo@ipscorp.com</a></td>
<td></td>
</tr>
<tr>
<td>Training necessary:</td>
<td>Yes, training in practices and procedures contained in product literature.</td>
<td></td>
</tr>
<tr>
<td>Reissue date / reason for reissue:</td>
<td>12/14/2011 / Updated GHS Standard Format</td>
<td></td>
</tr>
<tr>
<td>Intended Use of Product:</td>
<td>Solvent Cement for PVC Plastic Pipe</td>
<td></td>
</tr>
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</table>

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.
Information Common to Both the SDS and the Label
Safety Data Sheet

• Section 1, Product and Company Identification

• Section 2, Hazard(s) Identification

Label

SAMPLE LABEL

HAZARD PICTOGRAMS

SIGNAL WORD
Danger

HAZARD STATEMENT
Highly flammable liquid and vapor. May cause liver and kidney damage.

SUPPLEMENTAL INFORMATION

Directions for use

Fill weight: ________ Lot Number

Gross weight: ________ Fill Date: ______

Expiration Date: ________

In Case of Fire: use dry chemical (BC) or Carbon dioxide (CO2) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.
• Section 5, Firefighting Measures

• Section 4, First Aid Measures
- Section 7, Handling and Storage
- Section 8, Exposure Controls and PPE
Employee OSHA Training on Product Label Elements and Safety Data Sheets

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