1. Identification

Product identifier: Joint Tite 750 Part A

Other means of identification: None.

Recommended use: Repair product.

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Company Name: LATICRETE International

Address: 1 Laticrete Park, N
Bethany, CT 06524

Telephone: (203)-393-0010

Contact person: Steve Fine

Website: www.laticrete.com

Emergency phone number: Call CHEMTREC day or night
USA/Canada - 1.800.424.9300
Mexico - 1.800.681.9531
Outside USA/Canada
1.703.527.3887

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards

- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2A
- Sensitization, respiratory: Category 1
- Sensitization, skin: Category 1
- Carcinogenicity: Category 2
- Specific target organ toxicity, single exposure: Category 3 respiratory tract irritation
- Specific target organ toxicity, repeated exposure: Category 2 (Respiratory system, Lung)

OSHA defined hazards: Not classified.

Label elements

Signal word: Danger

Hazard statement: Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May cause respiratory irritation. May cause damage to organs (Respiratory system, Lung) through prolonged or repeated exposure.

Precautionary statement

Prevention: Wash thoroughly after handling. Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area.
Response
If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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 inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell.

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

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)
None known.

Supplemental information
None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane prepolymer</td>
<td>68092-58-0</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Methylene diphenyl diisocyanate</td>
<td>101-68-8</td>
<td>20 - 40</td>
</tr>
<tr>
<td>Propylene carbonate</td>
<td>108-32-7</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Diisocyanate methylenediphenyl</td>
<td>26447-40-5</td>
<td>0.6 - 1.1</td>
</tr>
</tbody>
</table>

Composition comments
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation
Move to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.

Skin contact
Remove contaminated clothing and wash skin with soap and water. If skin rash or an allergic skin reaction develops, get medical attention.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion
Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed
Rash. Irritant effects. Symptoms include redness, itching and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If exposed or concerned: get medical advice/attention.

5. Fire-fighting measures

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

General fire hazards
No unusual fire or explosion hazards noted.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials for containment and cleaning up**
Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions**
Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.

7. Handling and storage

**Precautions for safe handling**
Avoid contact with skin, eyes and clothing. Avoid breathing mist or vapor. Persons susceptible for allergic reactions should not handle this product. Do not handle until all safety precautions have been read and understood. Provide adequate ventilation. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**
Keep container tightly closed. Store in a well-ventilated place. Store away from incompatible materials.

8. Exposure controls/personal protection

**Occupational exposure limits**

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisocyanate methylenediphenyl (CAS 26447-40-5)</td>
<td>Ceiling</td>
<td>0.2 mg/m3</td>
</tr>
<tr>
<td>Methylene diphenyl diisocyanate (CAS 101-68-8)</td>
<td>Ceiling</td>
<td>0.2 mg/m3</td>
</tr>
</tbody>
</table>

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisocyanate methylenediphenyl (CAS 26447-40-5)</td>
<td>TWA</td>
<td>0.005 ppm</td>
</tr>
<tr>
<td>Methylene diphenyl diisocyanate (CAS 101-68-8)</td>
<td>TWA</td>
<td>0.005 ppm</td>
</tr>
</tbody>
</table>

**US. NIOSH: Pocket Guide to Chemical Hazards**

<table>
<thead>
<tr>
<th>Components</th>
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<td>Ceiling</td>
<td>0.2 mg/m3</td>
</tr>
</tbody>
</table>

**Biological limit values**
No biological exposure limits noted for the ingredient(s).
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Appropriate engineering controls

Individual protection measures, such as personal protective equipment
Eye/face protection
  Wear safety glasses with side shields (or goggles).

Skin protection
  Hand protection
  Wear appropriate chemical resistant gloves.

Skin protection
  Other
  Wear appropriate chemical resistant clothing.

Respiratory protection
  In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
  Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
  Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance
  Thin, clear liquid.

Physical state
  Liquid.

Form
  Liquid.

Color
  Clear.

Odor
  Mild.

Odor threshold
  Not available.

pH
  Not available.

Melting point/freezing point
  Not applicable.

Initial boiling point and boiling range
  < 400 °F (< 204.44 °C)

Flash point
  201.2 °F (94.0 °C)

Evaporation rate
  Slower than ether.

Flammability (solid, gas)
  Not available.

Upper/lower flammability or explosive limits
  Flammability limit - lower
  Not available.

  Flammability limit - upper
  Not available.

Vapor pressure
  Not applicable.

Vapor density
  (Air=1) Heavier than air.

Relative density
  1.12

Solubility(ies)
  Solubility (water)
  Reacts with water.

Partition coefficient (n-octanol/water)
  Not available.

Auto-ignition temperature
  Not available.

Decomposition temperature
  Not available.

Viscosity
  Not available.

Other information
  Density
  9.33 lb/gal

10. Stability and reactivity

Reactivity
  The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
  Material is stable under normal conditions.
Hazardous polymerization will not occur.

**Possibility of hazardous reactions**

Heat, sparks, flames, elevated temperatures. Contact with incompatible materials.

**Conditions to avoid**


**Incompatible materials**


**Hazardous decomposition products**

**11. Toxicological information**

**Information on likely routes of exposure**

- **Inhalation**: Prolonged inhalation may be harmful.
- **Skin contact**: Irritating to skin.
- **Eye contact**: Causes serious eye irritation.
- **Ingestion**: May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

Irritant effects. Rash. Symptoms include redness, itching and pain.

**Information on toxicological effects**

**Acute toxicity**

May cause discomfort if swallowed.

**Components**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene diphenyl diisocyanate (CAS 101-68-8)</td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td>Propylene carbonate (CAS 108-32-7)</td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
</tr>
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<td>Rat</td>
</tr>
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<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

**Respiratory or skin sensitization**

- **Respiratory sensitization**: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- **Skin sensitization**: May cause an allergic skin reaction.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

- Disocyanate methylenediphenyl (CAS 26447-40-5) 3 Not classifiable as to carcinogenicity to humans.
- Methylene diphenyl disocyanate (CAS 101-68-8) 3 Not classifiable as to carcinogenicity to humans.

**NTP Report on Carcinogens**

Not listed.


Not regulated.

**Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**

May cause respiratory tract irritation.

**Specific target organ toxicity - repeated exposure**

May cause damage to organs (Respiratory system, Lung) through prolonged or repeated exposure.

**Aspiration hazard**

No data available.

**Chronic effects**

Prolonged exposure may cause chronic effects.
Further information
No other specific acute or chronic health impact noted.

12. Ecological information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available for this product.

Mobility in soil
No data available.

Mobility in general
Material reacts with water.

Other adverse effects
No data available.

13. Disposal considerations

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste regulations
Dispose of in accordance with local regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not established.

15. Regulatory information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Diisocyanate methylenediphenyl (CAS 26447-40-5) LISTED
Methylene diphenyl diisocyanate (CAS 101-68-8) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
Yes
SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
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<td>Methylene diphenyl diisocyanate</td>
<td>101-68-8</td>
<td>20 - 40</td>
</tr>
</tbody>
</table>

Other federal regulations

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
- Diisocyanate methylenediphenyl (CAS 26447-40-5)
- Methylene diphenyl diisocyanate (CAS 101-68-8)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
Not regulated.

**Safe Drinking Water Act (SDWA)**
Not regulated.

**US state regulations**
This product does not contain a chemical known to the State of California to cause cancer birth defects or other reproductive harm.

- **US. Massachusetts RTK - Substance List**
  - Diisocyanate methylenediphenyl (CAS 26447-40-5)
  - Methylene diphenyl diisocyanate (CAS 101-68-8)

- **US. New Jersey Worker and Community Right-to-Know Act**
  - Diisocyanate methylenediphenyl (CAS 26447-40-5)
  - Methylene diphenyl diisocyanate (CAS 101-68-8)

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  - Diisocyanate methylenediphenyl (CAS 26447-40-5)
  - Methylene diphenyl diisocyanate (CAS 101-68-8)

- **US. Rhode Island RTK**
  - Diisocyanate methylenediphenyl (CAS 26447-40-5)
  - Methylene diphenyl diisocyanate (CAS 101-68-8)

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

**Issue date** 08-July-2015
**Revision date** 08-July-2015
**Version #** 02

**NFPA ratings**

**References**
- HSDB® - Hazardous Substances Data Bank
- Registry of Toxic Effects of Chemical Substances (RTECS)
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