

**Premium Cold Application Adhesive**

Version 2.1

Revision Date 10/03/2017

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Trade name : Premium Cold Application Adhesive

## Manufacturer or supplier's details

Company : Johns Manville  
Address : P.O. Box 5108  
Denver, CO USA 80127  
Telephone : +1 303-978-2000 8:00 a.m.-5:00 p.m. M-F  
Emergency telephone number : 1-800-424-9300 (Chemtrec, in English)

## Recommended use of the chemical and restrictions on use

Recommended use : Adhesives and/or sealants

Restrictions on use : For professional and industrial installation and use only.

Prepared by : productsafety@jm.com

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 3  
Acute toxicity (Inhalation) : Category 4  
Skin irritation : Category 2  
Eye irritation : Category 2B  
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)  
Specific target organ toxicity - repeated exposure : Category 2

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.  
H315 Causes skin irritation.  
H320 Causes eye irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

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Precautionary statements

:

**Prevention:**

P210 Keep away from heat/sparks/open flames/hot surfaces.  
No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/  
equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P370 + P378 In case of fire: Use dry sand, dry chemical or  
alcohol-resistant foam to extinguish.

P304 + P340 IF INHALED: Remove victim to fresh air and keep  
at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water  
for several minutes. Remove contact lenses, if present and easy  
to do. Continue rinsing.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately  
all contaminated clothing. Rinse skin with water/shower.

P312 Call a POISON CENTER or doctor/ physician if you feel  
unwell.

P337 + P313 If eye irritation persists: Get medical advice/  
attention.

P332 + P313 If skin irritation occurs: Get medical advice/  
attention.

P362 Take off contaminated clothing and wash before reuse.

**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.

P403 + P233 Store in a well-ventilated place. Keep container  
tightly closed.

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to an approved facility in  
accordance with local, regional, national and international  
regulations.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components**

| Chemical name              | CAS-No.      | Concentration (%) |
|----------------------------|--------------|-------------------|
| asphalt, oxidized          | 64742-93-4   | >= 30 - <= 50     |
| proprietary ingredients    | Not Assigned | >= 30 - <= 50     |
| Stoddard solvent           | 8052-41-3    | >= 20 - <= 35     |
| quartz (SiO <sub>2</sub> ) | 14808-60-7   | >= 0 - < 1        |

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**SECTION 4. FIRST AID MEASURES**

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.  
If breathing has stopped, apply artificial respiration.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
Get medical attention if irritation develops and persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Do NOT induce vomiting.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : In case of shortness of breath, give oxygen.  
Symptoms of poisoning may not appear for several hours.  
Keep under medical supervision for at least 48 hours.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water mist
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : May release toxic, irritating and/or corrosive gases.  
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon oxides  
Sulfur oxides

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- Further information : Standard procedure for chemical fires.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).
- Advice on safe handling : Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Take measures to prevent the build up of electrostatic charge.  
Containers which are opened must be carefully resealed and

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kept upright to prevent leakage.  
 Observe label precautions.  
 Electrical installations / working materials must comply with  
 the technological safety standards.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components                 | CAS-No.    | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis     |
|----------------------------|------------|----------------------------------|---|-----------|
| Stoddard solvent           | 8052-41-3  | TWA                              | 100 ppm   | ACGIH     |
|                            |            | TWA                              | 350 mg/m <sup>3</sup>                             | NIOSH REL |
|                            |            | C                                | 1,800 mg/m <sup>3</sup>                           | NIOSH REL |
| quartz (SiO <sub>2</sub> ) | 14808-60-7 | TWA                              | 500 ppm   | OSHA      |
|                            |            |                                  | 2,900 mg/m <sup>3</sup>                           |           |
|                            |            | TWA<br>(Respirable fraction)     | 0.025 mg/m <sup>3</sup>                           | ACGIH     |
|                            |            | TWA<br>(respirable)              | 10 mg/m <sup>3</sup> /<br>%SiO <sub>2</sub> +2    | OSHA      |
|                            |            | TWA<br>(respirable)              | 250 mppcf /<br>%SiO <sub>2</sub> +5               | OSHA      |
|                            |            | TWA<br>(Respirable dust)         | 0.05 mg/m <sup>3</sup>                            | NIOSH REL |
|                            |            | TWA<br>(Respirable dust)         | 0.05 mg/m <sup>3</sup>                            | OSHA      |

#### Personal protective equipment

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Hand protection  
 Material : Protective gloves
- Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : Impervious clothing  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
 When using do not eat or drink.  
 When using do not smoke.

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Wash hands before breaks and at the end of workday.  
Written instructions for handling must be available at the work place.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |   |
|--|---|
| Appearance                             | : viscous liquid  |
| Colour                                 | : brown, black  |
| Odour                                  | : hydrocarbon-like  |
| Odour Threshold                        | : No data available   |
| pH                                     | : No data available   |
| Melting point/range                    | : No data available   |
| Boiling point/boiling range            | : 100 °C  |
| Flash point                            | : 37.8 - 60.0 °C<br>Method: Cleveland open cup  |
| Evaporation rate                       | : No data available   |
| Flammability (solid, gas)              | : No data available   |
| Upper explosion limit                  | : No data available   |
| Lower explosion limit                  | : No data available   |
| Vapour pressure                        | : ca. 3.25 hPa  |
| Relative vapour density                | : Vapors are heavier than air and may travel along the floor and in the bottom of containers. |
| Relative density                       | : No data available   |
| Density                                | : 1.01 g/cm <sup>3</sup>  |
| Water solubility                       | : No data available   |
| Solubility in other solvents           | : No data available   |
| Partition coefficient: n-octanol/water | : No data available   |
| Auto-ignition temperature              | : No data available   |
| Thermal decomposition                  | : No data available   |
| Viscosity, dynamic                     | : No data available   |
| Viscosity, kinematic                   | : No data available   |

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**SECTION 10. STABILITY AND REACTIVITY**

|                                    |   |   |
|------------------------------------|---|---|
| Reactivity                         | : | No decomposition if stored and applied as directed.   |
| Chemical stability                 | : | Stable under normal conditions.   |
| Possibility of hazardous reactions | : | Vapours may form explosive mixture with air.<br>Stable under normal conditions.                               |
| Conditions to avoid                | : | Heat, flames and sparks.  |
| Incompatible materials             | : | Strong oxidizing agents   |
| Hazardous decomposition products   | : | Thermal decomposition can lead to release of irritating gases and vapours.<br>Carbon oxides<br>Sulphur oxides |

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Components:****asphalt, oxidized:**

|                           |   |   |
|---------------------------|---|---|
| Acute oral toxicity       | : | LD50 (Rat): > 5,000 mg/kg                         |
| Acute inhalation toxicity | : | LC50 (Rat): > 0.0944 mg/l<br>Exposure time: 4.5 h |
| Acute dermal toxicity     | : | LD50 (Rabbit): > 2,000 mg/kg                      |

**Acute toxicity****Stoddard solvent:**

|                           |   |   |
|---------------------------|---|---|
| Acute inhalation toxicity | : | LC50 (Rat): > 5.5 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour |
|---------------------------|---|---|

**Skin corrosion/irritation****Product:**

Result: Skin irritation

**Serious eye damage/eye irritation****Product:**

Result: Eye irritation

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**Respiratory or skin sensitisation****Product:**

Result: Not a skin sensitizer.

**IARC**

Group 1: Carcinogenic to humans

quartz (SiO<sub>2</sub>)

14808-60-7

Group 2A: Probably carcinogenic to humans

asphalt, oxidized

64742-93-4

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

Known to be human carcinogen

quartz (SiO<sub>2</sub>)

14808-60-7

**STOT - single exposure****Product:**

Target Organs: Central nervous system

**STOT - repeated exposure****Product:**

Assessment: May cause damage to organs through prolonged or repeated exposure.

**Further information****Product:**

Remarks: Solvents may decrease the skin. Chronic exposure damages the brain and the central nervous system.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****Stoddard solvent:**Partition coefficient: n-  
octanol/water : log Pow: 3.16 - 7.06



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**Mobility in soil**

No data available

**Other adverse effects****Product:**

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82  
Protection of Stratospheric Ozone - CAA Section 602 Class I  
Substances  
Remarks: This product neither contains, nor was  
manufactured with a Class I or Class II ODS as defined by the  
U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +  
B).

Additional ecological information : No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Disposal of residual product : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with  
chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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**SECTION 14. TRANSPORT INFORMATION****International transport regulations**

US DOT: UN1999, Tars, liquid, 3, III.

Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters).

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**SECTION 15. REGULATORY INFORMATION****TSCA list**

TSCA - 5(a) Significant New Use Rule List of Chemicals : No substances are subject to a Significant New Use Rule.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D) : No substances are subject to TSCA 12(b) export notification requirements.

**EPCRA - Emergency Planning and Community Right-to-Know Act**

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**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard  
 Chronic Health Hazard  
 Fire Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489).

**US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)**

|                            |            |
|----------------------------|------------|
| Stoddard solvent           | 8052-41-3  |
| quartz (SiO <sub>2</sub> ) | 14808-60-7 |

**US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)**

|                         |              |
|-------------------------|--------------|
| asphalt, oxidized       | 64742-93-4   |
| proprietary ingredients | Not Assigned |
| Stoddard solvent        | 8052-41-3    |

**US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)**

|                            |              |
|----------------------------|--------------|
| asphalt, oxidized          | 64742-93-4   |
| proprietary ingredients    | Not Assigned |
| Stoddard solvent           | 8052-41-3    |
| quartz (SiO <sub>2</sub> ) | 14808-60-7   |

**US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)**

WARNING! This product contains a chemical known to the State of California to cause cancer.

|                   |            |
|-------------------|------------|
| asphalt, oxidized | 64742-93-4 |
| benzene           | 71-43-2    |
| benz[a]anthracene | 56-55-3    |

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

|         |         |
|---------|---------|
| benzene | 71-43-2 |
|---------|---------|

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**The components of this product are reported in the following inventories:**

DSL : All components of this product are on the Canadian DSL

TSCA : On TSCA Inventory

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**SECTION 16. OTHER INFORMATION****Further information**

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The information provided in this 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.