

| Version 1.1 Revision Date 07/13/2015 Print Date 07/13/201 | Version 1.1 | Revision Date 07/13/2015 | Print Date 07/13/2015 |
|---|-------------|--------------------------|-----------------------|
|---|-------------|--------------------------|-----------------------|

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| Trade name                                 | :    | JM TPO Pourable Sealer-Part A   |
|--|------|---|
| Manufacturer or supplier's det             | ails |   |
| Company<br>Address                         | :    | Johns Manville<br>P.O. Box 5108<br>Denver, CO USA 80127                 |
| Telephone<br>Emergency telephone<br>number | :    | 303-978-2000 8:00AM-5:00PM M-F<br>1-800-424-9300 (Chemtrec, in English) |
| Prepared by                                | :    | productsafety@jm.com  |

#### **SECTION 2. HAZARDS IDENTIFICATION**

#### **GHS Classification**

Not a hazardous substance or mixture.

#### **GHS Label element**

Not a hazardous substance or mixture.

#### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

No hazardous ingredients

#### **SECTION 4. FIRST AID MEASURES**

| General advice          | <ul> <li>Move out of dangerous area.</li> <li>Consult a physician.</li> <li>Show this safety data sheet to the doctor in attendance.</li> <li>Do not leave the victim unattended.</li> </ul>   |
|-------------------------|--|
| If inhaled              | <ul> <li>If unconscious place in recovery position and seek medical<br/>advice.</li> <li>If symptoms persist, call a physician.</li> </ul>   |
| In case of skin contact | <ul> <li>If skin irritation persists, call a physician.</li> <li>If on skin, rinse well with water.</li> <li>If on clothes, remove clothes.</li> </ul>   |
| In case of eye contact  | <ul> <li>Small amounts splashed into eyes can cause irreversible<br/>tissue damage and blindness.</li> <li>Remove contact lenses.</li> <li>In the case of contact with eyes, rinse immediately with plenty<br/>of water and seek medical advice.</li> <li>Continue rinsing eyes during transport to hospital.</li> </ul> |



| JM TPO Pourable Sealers-Part A                |  |        |  |  |
|---|--|--------|--|--|
| Version 1.1                                   | Revision Date 07/13/2015 Print Date 07/1   | 3/2015 |  |  |
|   | Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.  |        |  |  |
| If swallowed                                  | <ul> <li>Keep respiratory tract clear.</li> <li>Do NOT induce vomiting.</li> <li>Never give anything by mouth to an unconscious person.</li> <li>If symptoms persist, call a physician.</li> <li>Take victim immediately to hospital.</li> </ul>   |        |  |  |
| SECTION 5. FIREFIGHTING MEA                   | URES   |        |  |  |
| Unsuitable extinguishing media                | : High volume water jet  |        |  |  |
| Specific hazards during firefighting          | : Do not allow run-off from fire fighting to enter drains or v courses.  | water  |  |  |
| Hazardous combustion products                 | : No hazardous combustion products are known   |        |  |  |
| Specific extinguishing methods                | : None known.  |        |  |  |
| Further information                           | <ul> <li>Standard procedure for chemical fires.</li> <li>Collect contaminated fire extinguishing water separately<br/>must not be discharged into drains.</li> <li>Fire residues and contaminated fire extinguishing water<br/>be disposed of in accordance with local regulations.</li> </ul> |        |  |  |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting necessary.  | if     |  |  |

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

| Personal precautions,<br>protective equipment and<br>emergency procedures | : Use personal protective equipment.  |
|---|---|
| Environmental precautions   | <ul> <li>Prevent product from entering drains.</li> <li>Prevent further leakage or spillage if safe to do so.</li> <li>If the product contaminates rivers and lakes or drains inform respective authorities.</li> </ul> |
| Methods and materials for containment and cleaning up                     | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Keep in suitable, closed containers for disposal.   |

## SECTION 7. HANDLING AND STORAGE

| Advice on safe handling | : Do not breathe vapours/dust.    |  |
|-------------------------|-----------------------------------|--|
|                         | Avoid contact with skin and eyes. |  |



| Version 1.1                 | Revision Date 07/13/2015   | Print Date 07/13/2015     |
|-----------------------------|--|---------------------------|
| Conditions for safe storage | <ul> <li>For personal protection see section 8.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>To avoid spills during handling keep bottle on a metal tray.</li> <li>Dispose of rinse water in accordance with local and nationa regulations.</li> <li>Keep container tightly closed in a dry and well-ventilated</li> </ul> |                           |
|                             | place.<br>Electrical installations / working mathematical installations and the technological safety standards   | aterials must comply with |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

| Hand protection<br>Remarks | Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration contact).  | of  |
|----------------------------|---|-----|
| Eye protection             | Tightly fitting safety goggles<br>Wear face-shield and protective suit for abnormal process<br>problems.  | ing |
| Skin and body protection   | impervious clothing<br>Choose body protection according to the amount and<br>concentration of the dangerous substance at the work place   | ce. |
| Hygiene measures           | Handle in accordance with good industrial hygiene and sa<br>practice.<br>When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday.<br>Written instructions for handling must be available at the w<br>place. | ·   |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance      | : liquid            |
|-----------------|---------------------|
| Colour          | : No data available |
| Odour           | : No data available |
| Odour Threshold | : No data available |
| рН              | : No data available |



|  | FOUL       | able Sealers-Part A |                       |
|--|------------|---------------------|-----------------------|
| Version 1.1                                | Revisio    | n Date 07/13/2015   | Print Date 07/13/2015 |
| Melting point/freezing point               | : No data  | a available         |                       |
| Initial boiling point and boiling range    | : No data  | a available         |                       |
| Flash point                                | : No data  | a available         |                       |
| Evaporation rate                           | : No data  | a available         |                       |
| Flammability (solid, gas)                  | : No data  | a available         |                       |
| Upper explosion limit                      | : No data  | a available         |                       |
| Lower explosion limit                      | : No data  | a available         |                       |
| Vapour pressure                            | : No data  | a available         |                       |
| Relative vapour density                    | : No data  | a available         |                       |
| Relative density                           | : No data  | a available         |                       |
| Density                                    | : 0.99 g/o | cm3                 |                       |
| Water solubility                           | : No data  | a available         |                       |
| Solubility in other solvents               | : No data  | a available         |                       |
| Partition coefficient: n-<br>octanol/water | : No data  | a available         |                       |
| Auto-ignition temperature                  | : No data  | a available         |                       |
| Thermal decomposition                      | : No data  | a available         |                       |
| Viscosity, dynamic                         | : No data  | a available         |                       |
| Viscosity, kinematic                       | : No data  | a available         |                       |
|  |            |                     |                       |

## SECTION 10. STABILITY AND REACTIVITY

| Reactivity                         | : No decomposition if stored and applied as directed. |
|------------------------------------|---|
| Chemical stability                 | : No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed. |
| Conditions to avoid                | : No data available                                   |

## SECTION 11. TOXICOLOGICAL INFORMATION

#### Skin corrosion/irritation

## Product:



| JM TPO Pourable Sealers-Part A                          |  |                       |  |  |
|---|--|-----------------------|--|--|
| Version 1.1   | Revision Date 07/13/2015   | Print Date 07/13/2015 |  |  |
| Remarks: Extremely corrosive and destructive to tissue. |  |                       |  |  |
| Serious eye damage/eye irritation                       |  |                       |  |  |
| <u>Product:</u><br>Remarks: May cause irreversit        | ble eye damage.  |                       |  |  |
| IARC  | No component of this product present at le equal to 0.1% is identified as probable, po human carcinogen by IARC. | 0                     |  |  |
| ACGIH   | No component of this product present at le equal to 0.1% is identified as a carcinogen carcinogen by ACGIH.      |                       |  |  |
| OSHA  | No component of this product present at le<br>equal to 0.1% is identified as a carcinogen<br>carcinogen by OSHA. |                       |  |  |
| NTP   | No component of this product present at le<br>equal to 0.1% is identified as a known or a<br>by NTP.             |                       |  |  |
| Further information                                     |  |                       |  |  |

## Product:

Remarks: No data available

## **SECTION 12. ECOLOGICAL INFORMATION**

| Ecotoxicity   |   |
|---|---|
| No data available   |   |
| <b>Persistence and degradability</b><br>No data available |   |
| <b>Bioaccumulative potential</b><br>No data available     |   |
| <b>Mobility in soil</b><br>No data available              |   |
| Other adverse effects                                     |   |
| No data available   |   |
| Product:  |   |
| Regulation  | 40 CFR Protection of Environment; Part 82 Protection of<br>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 :                                   | No data available   |



Version 1.1

Revision Date 07/13/2015

Print Date 07/13/2015

information

### SECTION 13. DISPOSAL CONSIDERATIONS

#### **Disposal methods**

| Disposal of residual product | : | Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with<br>chemical or used container.<br>Send to a licensed waste management company. |
|------------------------------|---|---|
| Contaminated packaging       | : | Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers.   |

#### **SECTION 14. TRANSPORT INFORMATION**

#### International transport regulations

These products are not classified as dangerous goods according to international transport regulations.

#### SECTION 15. REGULATORY INFORMATION

**TSCA** list

: Not relevant

Not relevant

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

#### **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 a SARA 302 | <ul> <li>iny components with a section 304 EHS RQ.</li> <li>No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.</li> </ul>      |
|---|---|
| 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 12 (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 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

#### **California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



| JM TPO Pourable Sealers-Part A |                       |  |
|--------------------------------|-----------------------|--|
| Revision Date 07/13/2015       | Print Date 07/13/2015 |  |
|                                | iventories:           |  |
| ,                              | e on the Canadian DSI |  |
|                                |                       |  |

## **SECTION 16. OTHER INFORMATION**

## Further information

Revision Date : 07/13/2015

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.



| Version 1.2                                | Revision Date 01/27/2016 Print Da  | te 01/27/2016 |  |  |
|--|--|---------------|--|--|
| SECTION 1. PRODUCT AND C                   | SECTION 1. PRODUCT AND COMPANY IDENTIFICATION  |               |  |  |
| Trade name                                 | : JM EPDM/PVC Pourable Sealer-Part B   |               |  |  |
| Manufacturer or supplier's                 | Manufacturer or supplier's details   |               |  |  |
| Company<br>Address                         | <ul> <li>Johns Manville</li> <li>P.O. Box 5108</li> <li>Denver, CO USA 80127</li> </ul>              |               |  |  |
| Telephone<br>Emergency telephone<br>number | <ul> <li>+1 303-978-2000 8:00AM-5:00PM M-F</li> <li>1-800-424-9300 (Chemtrec, in English)</li> </ul> |               |  |  |
| Prepared by                                | : productsafety@jm.com   |               |  |  |

## **SECTION 2. HAZARDS IDENTIFICATION**

| GHS Classification<br>Acute toxicity (Inhalation)     | : Category 4   |
|---|--|
| Skin irritation                                       | : Category 2   |
| Eye irritation  | : Category 2B  |
| Respiratory sensitisation                             | : Category 1   |
| Skin sensitisation                                    | : Category 1   |
| Specific target organ toxicity - single exposure      | : Category 3 (Respiratory system)  |
| Specific target organ toxicity<br>- repeated exposure | : Category 1 (Respiratory Tract)   |
| GHS Label element<br>Hazard pictograms                |  |
| Signal word   | : Danger   |
| Hazard statements                                     | <ul> <li>H320 Causes eye irritation.</li> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H332 Harmful if inhaled.</li> <li>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H372 Causes damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.</li> </ul> |
| Precautionary statements                              | : Prevention:  |



| JM EP      | DM/PVC Pourable Sealer-Pa  | art B   |
|------------|--|---|
| ersion 1.2 | Revision Date 01/27/2016   | Print Date 01/27/2016   |
|            | <ul> <li>P261 Avoid breathing dust/ fume/<br/>P264 Wash skin thoroughly after h<br/>P271 Use only outdoors or in a we<br/>P272 Contaminated work clothing<br/>the workplace.</li> <li>P280 Wear eye protection/ face pu<br/>P280 Wear protective gloves.</li> <li>P285 In case of inadequate ventila<br/>protection.</li> <li>P270 Do not eat, drink or smoke v</li> <li>Response:</li> <li>P302 + P352 IF ON SKIN: Wash v<br/>P304 + P340 + P312 IF INHALED<br/>and keep at rest in a position com<br/>POISON CENTER or doctor/ phys</li> <li>P305 + P351 + P338 IF IN EYES:<br/>for several minutes. Remove conta<br/>to do. Continue rinsing.</li> <li>P333 + P313 If skin irritation or ras<br/>attention.</li> <li>P362 Take off contaminated clothi<br/>Storage:</li> <li>P403 Store in a well-ventilated pla<br/>P404 Store in a closed container.</li> <li>Disposal:</li> <li>P501 Dispose of contents/ contain<br/>disposal plant.</li> </ul> | handling.<br>ell-ventilated area.<br>g should not be allowed out of<br>protection.<br>ation wear respiratory<br>when using this product.<br>with plenty of soap and water<br>D: Remove victim to fresh air<br>nfortable for breathing. Call a<br>sician if you feel unwell.<br>: Rinse cautiously with water<br>tact lenses, if present and ear<br>ash occurs: Get medical advice/<br>sists: Get medical advice/<br>hing and wash before reuse.<br>ace. |

None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

| Chemical Name                       | CAS-No.   | Concentration (%) |
|-------------------------------------|-----------|-------------------|
| Diphenylmethanediisocyanate         | 9016-87-9 | >= 30 - < 50      |
| 4,4'-methylenediphenyl diisocyanate | 101-68-8  | >= 20 - < 30      |

## SECTION 4. FIRST AID MEASURES

| General advice          | : Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                       |
|-------------------------|--|
| If inhaled              | : Call a physician or poison control centre immediately.<br>If unconscious place in recovery position and seek medical<br>advice.                      |
| In case of skin contact | <ul> <li>If skin irritation persists, call a physician.</li> <li>If on skin, rinse well with water.</li> <li>If on clothes, remove clothes.</li> </ul> |

US/EN



| JWI EFDW/FVG FOULADIE Sealer-Fait D                         |  |                              |
|---|--|------------------------------|
| Version 1.2   | Revision Date 01/27/2016   | Print Date 01/27/2016        |
| In case of eye contact                                      | <ul> <li>Remove contact lenses.</li> <li>Immediately flush eye(s) with plen<br/>Protect unharmed eye.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a second s</li></ul> |                              |
| If swallowed  | : Induce vomiting immediately and o<br>Keep respiratory tract clear.<br>Never give anything by mouth to a<br>If symptoms persist, call a physicia<br>Take victim immediately to hospita  | n unconscious person.<br>an. |
| Most important symptoms and effects, both acute and delayed | : None known.  |                              |

## SECTION 5. FIREFIGHTING MEASURES

| Unsuitable extinguishing media                | : High volume water jet  |
|---|--|
| Hazardous combustion products                 | : Hazardous decomposition products due to incomplete combustion          |
| Specific extinguishing methods                | : Standard procedure for chemical fires.                                 |
| Further information                           | : Standard procedure for chemical fires.                                 |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions,<br>protective equipment and<br>emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.   |
|---|--|
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform<br>respective authorities. |
| Methods and materials for containment and cleaning up                     | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Keep in suitable, closed containers for disposal.                                |

## SECTION 7. HANDLING AND STORAGE

| Advice on protection against | : Normal measures for preventive fire protection | า. |
|------------------------------|--|----|
| fire and explosion           |  |    |



| JNI LEDIN/FVC FOULADIE Sealei-Fait D |  |  |  |  |
|--------------------------------------|--|--|--|--|
| Version 1.2                          | Revision Date 01/27/2016   | Print Date 01/27/2016  |  |  |
| Advice on safe handling              | <ul> <li>Avoid formation of aerosol.<br/>Do not breathe vapours/dust.<br/>Avoid exposure - obtain special in<br/>Avoid contact with skin and eyes.<br/>For personal protection see sectio<br/>Smoking, eating and drinking shot<br/>application area.<br/>Provide sufficient air exchange an<br/>Dispose of rinse water in accordar<br/>regulations.<br/>Persons susceptible to skin sensit<br/>allergies, chronic or recurrent resp<br/>be employed in any process in wh</li> </ul> | structions before use.<br>In 8.<br>Ind be prohibited in the<br>d/or exhaust in work rooms.<br>Ince with local and national<br>isation problems or asthma,<br>piratory disease should not |  |  |
| Conditions for safe storage          | <ul> <li>used.</li> <li>Keep container tightly closed in a place.</li> <li>Observe label precautions.</li> <li>Electrical installations / working m the technological safety standards Store in tightly closed containers t contamination. Do not reseal if contamination.</li> </ul>  | aterials must comply with<br>s.<br>o prevent moisture  |  |  |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| Components                          | CAS-No.  | Value type<br>(Form of<br>exposure) | Control<br>parameters /<br>Permissible<br>concentration | Basis     |
|-------------------------------------|----------|-------------------------------------|---|-----------|
| 4,4'-methylenediphenyl diisocyanate | 101-68-8 | TWA                                 | 0.005 ppm   | ACGIH     |
|                                     |          | TWA                                 | 0.005 ppm<br>0.05 mg/m3                                 | NIOSH REL |
|                                     |          | С                                   | 0.02 ppm<br>0.2 mg/m3                                   | NIOSH REL |
|                                     |          | С                                   | 0.02 ppm<br>0.2 mg/m3                                   | OSHA      |
|                                     |          | С                                   | 0.02 ppm<br>0.2 mg/m3                                   | OSHA      |

## Components with workplace control parameters

| Personal protective equipment<br>Respiratory protection | <ul> <li>In the case of vapour formation use a respirator with an approved filter.</li> </ul>   |
|---|---|
| Hand protection   |   |
| 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<br>Wear face-shield and protective suit for abnormal processing  |



| Version 1.2              |   | Revision Date 01/27/2016   | Print Date 01/27/2016 |
|--------------------------|---|--|-----------------------|
|                          |   | problems.  |                       |
| Skin and body protection | : | impervious clothing<br>Choose body protection according to th<br>concentration of the dangerous substan  |                       |
| Hygiene measures         | : | Handle in accordance with good indust<br>practice.<br>When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the e<br>Written instructions for handling must b<br>place. | end of workday.       |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance                                 | : paste             |
|--|---------------------|
| Colour                                     | : No data available |
| Odour                                      | : slight            |
| Odour Threshold                            | : No data available |
| рН   | : No data available |
| Melting point/freezing point               | : No data available |
| Boiling point/boiling range                | : 406 F             |
| Flash point                                | : No data available |
| 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                            | : 5 mmHg            |
| Relative vapour density                    | : 8.5               |
| Relative density                           | : No data available |
| Density                                    | : 9.01 lb/gal       |
| Solubility(ies)<br>Water solubility        | : insoluble         |
| Solubility in other solvents               | : No data available |
| Partition coefficient: n-<br>octanol/water | : No data available |



| Version 1.2               | Revision Date 01/27/2016 | Print Date 01/27/2016 |
|---------------------------|--------------------------|-----------------------|
|                           |                          |                       |
| Auto-ignition temperature | : No data available      |                       |
| Thermal decomposition     | : No data available      |                       |
| Viscosity, dynamic        | : No data available      |                       |
| Viscosity, kinematic      | : No data available      |                       |

### SECTION 10. STABILITY AND REACTIVITY

| Reactivity                         | : No decomposition if stored and applied as directed.   |    |
|------------------------------------|---|----|
| Chemical stability                 | : No decomposition if stored and applied as directed.   |    |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.   |    |
| Conditions to avoid                | : If contained in exposed to high heat, 400 F it can be<br>pressurized and possibility rupture. MDI reacts slowly with<br>water to form CO2 gas. This gas can cause sealed contain<br>to expand and possibly rupture. | er |
| Incompatible materials             | : Strong bases<br>Amines  |    |
| Hazardous decomposition products   | : Hazardous decomposition products due to incomplete combustion Nitrogen oxides (NOx)   |    |

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product:

| Acute inhalation toxicity | : Acute toxicity estimate : 15.71 mg/l |
|---------------------------|--|
|                           | Exposure time: 4 h                     |
|                           | Test atmosphere: vapour                |
|                           | Method: Calculation method             |

## Skin corrosion/irritation

## Product:

Remarks: May cause skin irritation and/or dermatitis.

## Serious eye damage/eye irritation

### Product:

Remarks: May cause irreversible eye damage.



| rsion 1.2  | Revision Date 01/27/2016   | Print Date 01/27/2016    |
|--|--|--------------------------|
| Respiratory or skin sensitis                                       | sation   |                          |
| <u>Product:</u><br>Remarks: May cause sensitis<br>aerosol or dust. | ation of susceptible persons by skin cor   | tact or by inhalation of |
| IARC   | No component of this product present<br>equal to 0.1% is identified as probable<br>human carcinogen by IARC. | 5                        |
| ACGIH  | No component of this product present<br>equal to 0.1% is identified as a carcin<br>carcinogen by ACGIH.      | 5                        |
| OSHA   | No component of this product present<br>equal to 0.1% is identified as a carcin<br>carcinogen by OSHA.       |                          |
| NTP  | No component of this product present<br>equal to 0.1% is identified as a known<br>by NTP.                    |                          |
| Further information  |  |                          |
| <u>Product:</u><br>Remarks: No data available                      |  |                          |

## **SECTION 12. ECOLOGICAL INFORMATION**

| Ecotoxicity<br>No data available                      |   |   |
|---|---|---|
| Persistence and degradability<br>No data available    | / |   |
| <b>Bioaccumulative potential</b><br>No data available |   |   |
| <b>Mobility in soil</b><br>No data available          |   |   |
| Other adverse effects                                 |   |   |
| Product:  |   |   |
| Ozone-Depletion Potential                             | : | Regulation: 40 CFR Protection of Environment; Part 82<br>Protection of Stratospheric Ozone - CAA Section 602 Class I<br>Substances<br>Remarks: This product neither contains, nor was<br>manufactured with a Class I or Class II ODS as defined by the<br>U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +<br>B). |
| Additional ecological information                     | : | No data available   |



Version 1.2

Revision Date 01/27/2016

Print Date 01/27/2016

## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

| Disposal of residual product | Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with<br>chemical or used container.<br>Send to a licensed waste management company. |
|------------------------------|---|
| Contaminated packaging       | Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers.   |

### **SECTION 14. TRANSPORT INFORMATION**

#### International transport regulations

These products are not classified as dangerous goods according to international transport regulations.

#### **SECTION 15. REGULATORY INFORMATION**

| <b>TSCA list</b><br>TSCA - 5(a) Significant New Use Rule List of<br>Chemicals                   | : | Not relevant |
|---|---|--------------|
| US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D) | : | Not relevant |

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

#### CERCLA Reportable Quantity

| Components                          | CAS-No.  | Component RQ<br>(lbs) | Calculated product RQ<br>(lbs) |
|-------------------------------------|----------|-----------------------|--------------------------------|
| 4,4'-methylenediphenyl diisocyanate | 101-68-8 | 5000                  | *                              |

\*: Calculated RQ exceeds reasonably attainable upper limit.

## SARA 304 Extremely Hazardous Substances Reportable Quantity

|          | <ul> <li>ny components with a section 304 EHS RQ.</li> <li>No chemicals in this material are subject to the reporting<br/>requirements of SARA Title III, Section 302.</li> </ul> | g |  |
|----------|---|---|--|
| SARA 313 | The following components are subject to reporting levels established by SARA Title III, Section 313:  |   |  |
|          | Diphenylmethanediisocyan 9016-87-9 30 9<br>ate  | % |  |



| JM EPDM/PVC Pourable Sealer-Part B   |  |                 |                       |  |  |
|--|--|-----------------|-----------------------|--|--|
| Version 1.2  | Revision Date 01/27/2016   | i               | Print Date 01/27/2016 |  |  |
|  | 4,4'-methylenediphenyl<br>diisocyanate   | 101-68-8        | 20 %                  |  |  |
| Clean Air Act  |  |                 |                       |  |  |
| The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):  |  |                 |                       |  |  |
| 4,4'-methylenediphen<br>diisocyanate   | yl 101-68-8  | 20 %            |                       |  |  |
| This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for<br>Accidental Release Prevention (40 CFR 68.130, Subpart F).<br>The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI<br>Intermediate or Final VOC's (40 CFR 60.489):<br>4,4'-methylenediphenyl 101-68-8 20 % |  |                 |                       |  |  |
| diisocyanate   |  |                 |                       |  |  |
| California Prop 65   | This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. |                 |                       |  |  |
| The components of this product are reported in the following inventories:  |  |                 |                       |  |  |
| TSCA :   | On TSCA Inventory  | -               |                       |  |  |
| DSL :  | All components of this proc  | duct are on the | e Canadian DSL.       |  |  |

## **SECTION 16. OTHER INFORMATION**

#### **Further information**

Revision Date : 01/27/2016

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.