Section 1 - Chemical Product and Company Information

Product Name: Smith's Poly JF Part B    Product Code: Smith's Poly JF Part B
Trade Name: Poly JF Part B
Manufactured by:
Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec
2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:
(800) 424-9300

Section 2 - Hazards Identification

GHS Ratings:

<table>
<thead>
<tr>
<th>GHS Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation Toxicity 4</td>
<td>Gases&gt;2500+&lt;=20000ppm, Vapors&gt;10+&lt;=20mg/l, Dusts&amp;mists&gt;1+&lt;=5mg/l</td>
</tr>
<tr>
<td>Skin corrosive 2</td>
<td>Reversible adverse effects in dermal tissue, Draize score: &gt;= 2.3 &lt; 4.0 or persistent inflammation</td>
</tr>
<tr>
<td>Eye corrosive 2A</td>
<td>Eye irritant: Subcategory 2A, Reversible in 21 days</td>
</tr>
<tr>
<td>Respiratory sensitizer 1</td>
<td>Respiratory sensitizer</td>
</tr>
<tr>
<td>Skin sensitizer 1</td>
<td>Skin sensitizer</td>
</tr>
<tr>
<td>Organ toxin single exposure 3</td>
<td>Transient target organ effects- Narcotic effects- Respiratory tract irritation</td>
</tr>
</tbody>
</table>

GHS Hazards

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness

GHS Precautions

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash … thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P285 In case of inadequate ventilation wear respiratory protection
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P321 Specific treatment (see … on this label)
- P362 Take off contaminated clothing and wash before reuse
- P363 Wash contaminated clothing before reuse
- P302+P352 IF ON SKIN: Wash with soap and water
Signal Word: Danger

Acute toxicity:
*LD/LC50 values that are relevant for classification:*

9016-87-9 diphenylmethanediisocyanate, isomers and homologues

- Oral LD50 > 2000 mg/kg (Ratte)
- Dermal LD50 > 9400 mg/kg (rab) (OECD- Prüfrichtlinie 402)
- Inhalative LC50/48 h 490 mg/l (Ratte) (als Aerosol, Exposition)
  - Primary irritant effect:
    - on the skin: Irritant to skin and mucous membranes.
    - on the eye: Irritating effect.
  - Sensitization:
    Sensitization possible through inhalation.
    Sensitization possible through skin contact.

### Section 3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS number</th>
<th>Weight Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>diphenylmethane diisocyanate, isomers and homologues</td>
<td>9016-87-9</td>
<td>90.00% - 100.00%</td>
</tr>
</tbody>
</table>

### Section 4 - First Aid Measures

**Inhalation:** Supply fresh air; consult doctor in case of complications.

**Eye Contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin Contact:** Generally the product does not irritate the skin.

**Ingestion:** If symptoms persist consult doctor.

### Section 5 - Fire Fending Measures

**Flash Point:** 127 °C (261 °F)

**Extinguishing media:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Section 6 - Accidental Release Measures


Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Section 7 - Handling and Storage

Handling Precautions: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Avoid contact with the eyes.

Storage Requirements: Protect from frost. Store in dry conditions. Keep receptacle tightly sealed.

Section 8 - Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name / CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>diphenylmethane diisocyanate, isomers and homologues 9016-87-9</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

Personal protective equipment:  
· General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.  
· Breathing equipment: Not necessary if room is well-ventilated. Use suitable respiratory protective device in case of insufficient ventilation.  
· Protection of hands: Not required.  
· Material of gloves: Butyl rubber, BR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.  
· Eye protection: Tightly sealed goggles

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>11 hPa (8 mm Hg)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>90 mPas</td>
</tr>
<tr>
<td>Odor</td>
<td>Weak, characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt;260°C (&gt;500°F)</td>
</tr>
<tr>
<td>Grams VOC less water</td>
<td>0</td>
</tr>
</tbody>
</table>
Density: 1.22 g/cm³
Boiling point: Undetermined
Evaporation rate: Not determined

Solubility: Not miscible or difficult to mix
Flash point: >201°C (>500°F)
Flammability: Not applicable

Section 10 - Stability and Reactivity

STABLE

Incompatibilities/Conditions to avoid: No further relevant information available.
Hazardous Decomposition: No decomposition if used according to specifications.
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity
Component Toxicity

Carcinogenic categories
- IARC (International Agency for Research on Cancer)
  9016-87-9 diphenylmethanediisocyanate, isomers and homologues 3
- NTP (National Toxicology Program)
  Substance is not listed.
- OSHA-Ca (Occupational Safety & Health Administration)
  Substance is not listed.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td></td>
<td>No Data Available</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

Toxicity
- Aquatic toxicity:
  9016-87-9 diphenylmethanediisocyanate, isomers and homologues
  EC50 >1000 mg/l (Daphnia magna Wasserfloh) (OECD-Prüfrichtlinie 202)
  LC0 >1000 mg/l (Fisch) (96h)
- Persistence and degradability No further relevant information available.
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
  - General notes: Not known to be hazardous to water.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
- Other adverse effects No further relevant information available.

Component Ecotoxicity

Section 13 - Disposal Considerations

Recommendation: Contact waste processors for recycling information.
Liquid product must not be disposed of together with household garbage. Do not allow product to reach sewage system. If product has aged or solidified conventional means of disposal are acceptable.
- Uncleaned packagings Recommendation: Disposal must be made according to official regulations.
Section 14 - Transport Information

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packing Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID</td>
<td>Void</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>Void</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td>Void</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>Void</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara
- Section 355 (extremely hazardous substances):
  Substance is not listed.
- Section 313 (Specific toxic chemical listings):
  Substance is listed.
- TSCA (Toxic Substances Control Act):
  Substance is listed.
  - Proposition 65
  - Chemicals known to cause cancer:
    Substance is not listed.
- Chemicals known to cause reproductive toxicity for females:
  Substance is not listed.
- Chemicals known to cause reproductive toxicity for males:
  Substance is not listed.
- Chemicals known to cause developmental toxicity:
  Substance is not listed.
- Canadian Ingredient disclosure list
  - Limit 0,1%
    Substance is not listed.
  - Limit 1%
    Substance is not listed.
  - Cancerogenity categories
- EPA (Environmental Protection Agency)
  9016-87-9 diphenylmethanediisocyanate, isomeres and homologues CBD
- TLV (Threshold Limit Value established by ACGIH)
  Substance is not listed.
- MAK (German Maximum Workplace Concentration)
  9016-87-9 diphenylmethanediisocyanate, isomeres and homologues 4
- NIOSH-Ca (National Institute for Occupational Safety and Health)
  Substance is not listed.
- **Product related hazard informations:**
  - Hazard symbols:
    The product has been classified and marked in accordance with directives on hazardous materials.
  - Safety phrases: Keep out of the reach of children.
- **National regulations:**
  - Technical instructions (air):
    Class Share in %
    I 50-100
  - **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
Section 16 - Other Information

The material contained in this Safety Data Sheet is based on information supplied to Smith Paint Products by the raw material suppliers of the individual components of this product. Smith Paint Products believes this information is truthful and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 8/9/2019