Section 1 - Chemical Product and Company Information

Product Name: Smith's Poly Flex Part B    Product Code: Poly Flex Part B
Trade Name: Poly Flex 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:

- **Inhalation Toxicity**: 4  
  Gases: >2500+ <=20000ppm, Vapors: >10+ <=20mg/l, Dusts & mist: >1+ <=5mg/l

- **Skin corrosive**: 2  
  Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation

- **Eye corrosive**: 2A  
  Eye irritant: Subcategory 2A, Reversible in 21 days

- **Skin sensitizer**: 1  
  Skin sensitizer

- **Organ toxin single exposure**: 3  
  Transient target organ effects - Narcotic effects - Respiratory tract irritation

GHS Hazards:

- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H319: Causes serious eye irritation
- H332: Harmful 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
- 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
- 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 continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P332+P313  If skin irritation occurs: Get medical advice/attention
P333+P313  If skin irritation or a rash occurs: Get medical advice/attention
P337+P313  If eye irritation persists, get medical advice/attention
P405  Store locked up
P403+P233  Store in a well ventilated place. Keep container tightly closed
P501  Dispose of in accordance with all applicable local, state and federal regulations.

Signal Word: Warning

Acute toxicity:
LD/LC50 values that are relevant for classification:
9016-87-9 diphenylmethane diisocyanate, 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 Fighting Measures

Flash Point: 201 C (394 F)
LEL: UEL:
Extinguishing media: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Section 6 - Accidental Release Measures
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, isomer 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>Density</td>
<td>1.22 g/cm³</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Evaporation rate</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>Solubility</td>
<td>Not miscible or difficult to mix</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;201°C (&gt;500°F)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not applicable</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>
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, isomeres 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, isomeres 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, isomers and homologues CBD
- TLV (Threshold Limit Value established by ACGIH)
  Substance is not listed.
- MAK (German Maximum Workplace Concentration)
  9016-87-9 diphenylmethanediisocyanate, isomers 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