



## Safety Data Sheet

### 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:

Inhalation Toxicity	4	Gases>2500+<=20000ppm, Vapors>10+<=20mg/l, Dusts&mists>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
Respiratory sensitizer	1	Respiratory sensitizer
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
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

P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304+P341	IF INHALED: If breathing is difficult, 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
P342+P311	Call a POISON CENTER or doctor/physician
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: Danger**



**Acute toxicity:**

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

**9016-87-9 diphenylmethanediisocyanate, isomeres 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

Chemical Name	CAS number	Weight Concentration %
diphenylmethane diisocyanate, isomeres and homologues	9016-87-9	90.00% - 100.00%

### 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: 127 C (261 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

**Spill/Leak Procedures:** **Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Wear protective clothing.

**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

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
diphenylmethane diisocyanate, isomeres and homologues 9016-87-9	Not Established	Not Established	Not Established

**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:

<p style="text-align: center;"><b>Appearance:</b> Liquid</p> <p style="text-align: center;"><b>Vapor Pressure:</b> 11 hPa (8 mm Hg)</p> <p style="text-align: center;"><b>Vapor Density:</b> Not determined</p> <p style="text-align: center;"><b>Explosive Limits:</b> Not determined</p> <p style="text-align: center;"><b>Autoignition temperature:</b> Not determined</p> <p style="text-align: center;"><b>Viscosity:</b> 90 mPas</p>	<p style="text-align: center;"><b>Odor:</b> Weak, characteristic</p> <p style="text-align: center;"><b>Odor threshold:</b> Not determined</p> <p style="text-align: center;"><b>pH:</b> Not determined</p> <p style="text-align: center;"><b>Partition coefficient (n-octanol/water):</b> Not determined</p> <p style="text-align: center;"><b>Decomposition temperature:</b> &gt;260°C (&gt;500°F)</p> <p style="text-align: center;"><b>Grams VOC less water:</b> 0</p>
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<b>Density:</b> 1.22 g/cm <sup>3</sup>  <b>Boiling point:</b> Undetermined <b>Evaporation rate:</b> Not determined	<b>Solubility:</b> Not miscible or difficult to mix  <b>Flash point:</b> >201°C (>500°F) <b>Flammability:</b> Not applicable
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## 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.

CAS Number

Description

% Weight

Carcinogen Rating

None

No Data Available

## 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

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ADR/RID	Void			
DOT	Void			
IATA	Void			
IMDG	Void			

## 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.
- *Carcinogenicity 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.

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