



## Safety Data Sheet

### Section 1 - Chemical Product and Company Information

Product Name: SKM Part B Product Code: SKM 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	1	Gases<=100ppm, Vapors<=0.5mg/l, Dusts&mists<=0.05mg/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
Carcinogen	2	Limited evidence of human or animal carcinogenicity

#### **GHS Hazards**

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H330	Fatal if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H351	Suspected of causing cancer

#### **GHS Precautions**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash ... thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P285	In case of inadequate ventilation wear respiratory protection
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+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

P308+P313 IF exposed or concerned: Get medical advice/attention  
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  
P501 Dispose of contents/container to ...

Signal Word: Danger



### Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
4,4'-Diphenylmethane Diisocyanate (MDI)	101-68-8	45.00%
diphenylmethane diisocyanate, isomeres and homologues	9016-87-9	45.00%
Diphenylmethane Diisocyanate (MDI) Mixed Isomers	26447-40-5	10.00%

### Section 4 - First Aid Measures

**Description of first aid measures**

**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL:

UEL:

**Extinguishing media**

- **Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device. Wear self-contained respiratory protective device.

## Section 6 - Accidental Release Measures

**· Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Wear protective clothing.

· **Environmental precautions:** No special measures required.

· **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.

· **Reference to other sections:** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## Section 7 - Handling and Storage

**· Precautions for safe handling**

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

· **Information about protection against explosions and fires:** No special measures required. · **Conditions for safe storage, including any incompatibilities**

· **Storage:** · Requirements to be met by storerooms and receptacles: No special requirements. · Information about storage in one common storage facility: Not required.

· Further information about storage conditions: Protect from frost. Store in dry conditions. Keep receptacle tightly sealed.

· **Specific end use(s)** No further relevant information available.

## Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
4,4'-Diphenylmethane Diisocyanate (MDI) 101-68-8	Not Established	0.005 ppm TWA (listed under Methylene bisphenyl isocyanate (MDI))	NIOSH: 0.005 ppm TWA (listed under Methylene bisphenyl isocyanate); 0.05 mg/m <sup>3</sup> TWA 0.020 ppm Ceiling (10 min); 0.2 mg/m <sup>3</sup> Ceiling (10 min)
diphenylmethane diisocyanate, isomeres and homologues 9016-87-9	Not Established	Not Established	Not Established
Diphenylmethane Diisocyanate (MDI) Mixed Isomers 26447-40-5	Not Established	Not Established	Not Established

· **Additional information about design of technical systems:** No further data; see item 7.

**· Control parameters**

- **Components with limit values that require monitoring at the workplace:** Not required. · Additional information: The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **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.
- **Body protection:** Protective work clothing

## Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

<p><b>Appearance:</b> Fluid</p> <p><b>Odor:</b> Weak, Characteristic</p> <p><b>Flash point:</b> 201°C</p> <p><b>VOC:</b> 0%</p>	<p><b>Color:</b> Brown</p> <p><b>Density:</b> 10.18 lbs/gal</p> <p><b>Ignition Temperature</b> 400°C</p>
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## Section 10 - Stability and Reactivity

STABLE

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reacts with water. Exothermic reaction with amines and alcohols; reacts with water forming CO<sub>2</sub>; in closed containers, risk of bursting owing to increase of pressure.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.  
Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

### Mixture Toxicity

Inhalation Toxicity LC50: 0mg/L

## Section 12 - Ecological Information

- **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**

Diphenylmethane Diisocyanate                      Toxicity to daphnia and other aquatic invertebrates : EC50 - Daphnia magna  
(MDI) Mixed Isomers                                      (Water Flea) - 0.35 mg/l - 24h

**Section 13 - Disposal Considerations**

- **Waste treatment methods**
- **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>
IATA		Unregulated		Not Regulated
IMDG		Unregulated		Not Regulated
ARD/RID		Unregulated		Not Regulated
DOT		Unregulated		Not Regulated

**Section 15 - Regulatory Information**

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!  
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:  
No Data Available

- R2K List**
- 101-68-8 4,4'-Diphenylmethane Diisocyanate (MDI)
  - 26447-40-5 Diphenylmethane Diisocyanate (MDI) Mixed Isomers

**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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