



## Safety Data Sheet

### Section 1 - Chemical Product and Company Information

Product Name: Part A Product Code: SCS-MCUWEAR90SA

Trade Name: Hi-Wear 90S

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    | 2 | Gases>100+<=500ppm, Vapors>0.5+<=2mg/l,<br>Dusts&mists>0.05+<=0.5mg/l |
| Respiratory sensitizer | 1 | Respiratory sensitizer                                                |
| Skin sensitizer        | 1 | Skin sensitizer                                                       |
| Carcinogen             | 2 | Limited evidence of human or animal carcinogenicity                   |

#### GHS Hazards

|      |                                                                           |
|------|---------------------------------------------------------------------------|
| H317 | May cause an allergic skin reaction                                       |
| 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                                                                           |
| 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)                                                                                 |
| 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 |
| P308+P313 | IF exposed or concerned: Get medical advice/attention                                                                      |
| P333+P313 | If skin irritation or a rash occurs: Get medical advice/attention                                                          |
| P342+P311 | Call a POISON CENTER or doctor/physician                                                                                   |
| P405      | Store locked up                                                                                                            |
| P501      | Dispose of in accordance with all applicable local, state and federal regulations.                                         |

Signal Word: Danger



### Section 3 - Composition/Information on Ingredients

| Chemical Name                             | CAS number | Weight Concentration % |
|-------------------------------------------|------------|------------------------|
| HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE | 28182-81-2 | 90.00% - 100.00%       |
| SOLVENT NAPHTHA                           | 64742-95-6 | 0.10% - 1.00%          |

### Section 4 - First Aid Measures

**INHALATION** - Move the person away from the contaminated area. Fresh air and rest. Seek immediate medical advice. Show this sheet to the doctor.

**EYE CONTACT** - Immediately rinse with plenty of running water for a prolonged period, (at least 15 minutes) while keeping the eyes wide open. If irritation persists, consult a doctor. Show this sheet to the doctor.

**SKIN CONTACT** - Wash with soap and water. Wash immediately and thoroughly for a prolonged period (at least 15 minutes). In case of inflammation (redness, irritation, ...) obtain medical attention.

**INGESTION** - NEVER attempt to induce vomiting. Rinse mouth out with water. Do not give anything to drink. If necessary seek medical advice. Show this sheet to the doctor.

### Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL:

UEL:

**Flammable Limits:**

**EXTINGUISHING MEDIA:**

**SUITABLE EXTINGUISHING AGENTS:** Foam, Powders, Carbon dioxide, Dry chemical

**UNSUITABLE EXTINGUISHING AGENTS:** Water

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Combustible. During combustion toxic vapors are released. Under fire conditions, corrosive fumes are emitted: oxides of nitrogen oxides of carbon. Reacts with water releasing large amounts of carbon dioxide which may cause pressure build-up in confined spaces.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Stay upwind. Evacuate the personnel away from the fumes. In case of fire close by: Cool down the containers/equipment exposed to heat with a water spray. Ensure that there is NO direct contact between the water and the product.

Do not breathe fumes. Do NOT attempt to fight the fire without suitable protective equipment.

If there is a fire close by and if packaging has not been damaged: Use suitable extinguishers.

### Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Do not breathe gas. Avoid any direct contact with the product. Do NOT approach from DOWNWIND. Do NOT attempt to take action WITHOUT suitable protective equipment. Self-contained breathing apparatus. Wear fully protective suit. Keep people at a distance and stay upwind. Mark out the contaminated area with signs and prevent access to unauthorized personnel.

**Methods and material for containment and cleaning up:** Pump up the product into a spare container suitably labelled. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Wash contaminated area with large amounts of water. Recover the cleaning water for subsequent disposal. Dispose contaminated material as waste according to item 13.

Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

**Environmental precautions:** Contain the spilled material by binding. Do not allow to enter sewers/ surface or ground water.

## Section 7 - Handling and Storage

**Precautions for safe handling:** Ensure good ventilation/aspiration at the workplace. Avoid contact with water or humidity. Avoid any direct contact with the product. Any measure to eliminate exposure should be considered.

**Conditions for safe storage, including any incompatibilities:** The floor of the depot should be impermeable and designed to form a water-tight basin. Store in cool, dry conditions in well sealed receptacles. Store receptacle in a well ventilated area. Store away from incompatible materials.

**Requirements to be met by storerooms and receptacles:** Suitable material for receptacle and pipe: epoxy-coated steel. Unsuitable material for receptacle: Polystyrene. Store only in unopened original receptacles, metallic drums, storage tank with a dry nitrogen blanket. Packaging materials recommended: aluminium, steel.

Unsuitable material for receptacle: Copper or Tin

## Section 8 - Exposure Controls / Personal Protection

| Chemical Name / CAS No.                                       | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|---------------------------------------------------------------|----------------------|-----------------------|-----------------------|
| HOMOPOLYMER OF<br>HEXAMETHYLENE<br>DIISOCYANATE<br>28182-81-2 | Not Established      | Not Established       | Not Established       |
| SOLVENT NAPHTHA<br>64742-95-6                                 | Not Established      | Not Established       | Not Established       |

## Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

|                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance:</b> Liquid<br><b>Vapor Pressure:</b> N/A<br><b>Vapor Density:</b> N/A<br><b>Density:</b> 1.13 kg/L<br><b>Freezing point:</b> N/A<br><b>Boiling range:</b> N/A<br><b>Evaporation rate:</b> N/A<br><b>Explosive Limits:</b> N/A<br><br><b>Autoignition temperature:</b> N/A<br><b>Viscosity:</b> 710 cps | <b>Odor:</b> N/A<br><b>Odor threshold:</b> N/A<br><b>pH:</b> N/A<br><b>Melting point:</b> N/A<br><b>Solubility:</b> N/A<br><b>Flash point:</b> 200°F<br><b>Flammability:</b> N/A<br><b>Partition coefficient (n- N/A<br/>octanol/water):</b><br><b>Decomposition temperature:</b> N/A<br><b>Grams VOC less water:</b> 9.19 g/L |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Section 10 - Stability and Reactivity

**Stability:**

STABLE

**Incompatibilities/Conditions to avoid:** extreme heat, open flame, moisture, ignition sources.**Hazardous decomposition products:** On thermal decomposition (pyrolysis) releases: Toxic gases, Carbon dioxide, Nitrogen oxides, Oxides of carbon.**Possibility of hazardous reactions:** alcohols, amines, bases, protic solvents, water and aqueous solutions. With a great release of CO<sub>2</sub>, and hence a risk of a pressure build-up in confined areas, and forms an insoluble solid precipitate. Reacts with strong acids. Reacts with strong oxidizing agents.

Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

**Mixture Toxicity**

Oral Toxicity LD50: 2,532mg/kg

Inhalation Toxicity LC50: 1mg/L

**Component Toxicity**

|            |                                                                            |
|------------|----------------------------------------------------------------------------|
| 28182-81-2 | HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE                                  |
|            | Oral LD50: 2,500 mg/kg (Rat (female)) Inhalation LC50: 1 mg/L (Rat (male)) |
| 64742-95-6 | SOLVENT NAPHTHA                                                            |
|            | Oral LD50: 3,492 mg/kg (Rat) Dermal LD50: 3,160 mg/kg (Rabbit)             |

**Primary routes of entry:****Carcinogenicity:** Not considered to be carcinogen.

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
| 64742-95-6        | SOLVENT NAPHTHA    | 1% - 1.0%       | SOLVENT NAPHTHA:         |

## Section 12 - Ecological Information

**Component Ecotoxicity**

SOLVENT NAPHTHA

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

Expected to be readily biodegradable.

Transformation due to hydrolysis not expected to be significant

Transformation due to photolysis not expected to be significant

Expected to degrade rapidly in air.

## Section 13 - Disposal Considerations

Dispose in accordance with all applicable 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       | Not regulated               |                  |                      |                     |
| DOT           | Not regulated               |                  |                      |                     |
| IATA          | Not regulated               |                  |                      |                     |
| IMDG          | 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:

- None

### R2K List

28182-81-2 HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE

## 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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