

## 1 Identification

- **Product identifier**
- **Trade name:** 39221 39225 WB Flexible Primer Surfacer Black
- **Article number:** 39221, 39225
- **Application of the substance / the mixture** Coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
SEM Products Inc.  
1685 Overview Drive  
Rock Hill, SC 29730  
803 207 8225
- **Information department:**  
cust\_care@semproducts.com : SEM Products, Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT
- **Emergency telephone number:** CHEMTREC 1-800-424-9300

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
STOT SE 3 H335 May cause respiratory irritation.  
Flam. Liq. 4 H227 Combustible liquid.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard-determining components of labeling:**  
NEPHELINE SYENITE  
Talc
- **Hazard statements**  
H227 Combustible liquid.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.
- **Precautionary statements**  
P210 Keep away from flames and hot surfaces. – No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.

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- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 If on skin: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a poison center/doctor if you feel unwell.
- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

**3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:**

Mixture: consisting of the following components.

Weight percentages

· **Dangerous components:**

|            |                        |          |
|------------|------------------------|----------|
| 37244-96-5 | NEPHELINE SYENITE      | 13-30%   |
| 14807-96-6 | Talc                   | 10-13%   |
| 107-98-2   | 1-methoxy-2-propanol   | 1.5-5%   |
| 1333-86-4  | Carbon black           | 1.5-5%   |
| 872-50-4   | N-methyl-2-pyrrolidone | ≥0.1-≤1% |
| 108-88-3   | toluene                | ≥0.1-≤1% |

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**4 First-aid measures**

- **Description of first aid measures**
- **After inhalation:** 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. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **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.

**5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
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.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

|           |                        |                     |
|-----------|------------------------|---------------------|
| 107-98-2  | 1-methoxy-2-propanol   | 100 ppm             |
| 1333-86-4 | Carbon black           | 9 mg/m <sup>3</sup> |
| 872-50-4  | N-methyl-2-pyrrolidone | 30 ppm              |
| 108-88-3  | toluene                | 67 ppm              |
| 1336-21-6 | ammonia solution 26%   | 61 ppm              |

· **PAC-2:**

|           |                        |                      |
|-----------|------------------------|----------------------|
| 107-98-2  | 1-methoxy-2-propanol   | 160 ppm              |
| 1333-86-4 | Carbon black           | 99 mg/m <sup>3</sup> |
| 872-50-4  | N-methyl-2-pyrrolidone | 32 ppm               |
| 108-88-3  | toluene                | 560 ppm              |
| 1336-21-6 | ammonia solution 26%   | 330 ppm              |

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| · PAC-3:  |                        |                       |
|-----------|------------------------|-----------------------|
| 107-98-2  | 1-methoxy-2-propanol   | 660 ppm               |
| 1333-86-4 | Carbon black           | 590 mg/m <sup>3</sup> |
| 872-50-4  | N-methyl-2-pyrrolidone | 190 ppm               |
| 108-88-3  | toluene                | 3700* ppm             |
| 1336-21-6 | ammonia solution 26%   | 2,300 ppm             |

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
No special measures required.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **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:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **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:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

|  |   |
|--|---|
| <b>107-98-2 1-methoxy-2-propanol</b>   |   |
| REL                                    | Short-term value: 540 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 360 mg/m <sup>3</sup> , 100 ppm |
| TLV                                    | Short-term value: 369 mg/m <sup>3</sup> , 100 ppm<br>Long-term value: 184 mg/m <sup>3</sup> , 50 ppm  |
| <b>1333-86-4 Carbon black</b>          |   |
| PEL                                    | Long-term value: 3.5 mg/m <sup>3</sup>  |
| REL                                    | Long-term value: 3.5* mg/m <sup>3</sup><br>*0.1 in presence of PAHs; See Pocket Guide Apps.A+C        |
| TLV                                    | Long-term value: 3* mg/m <sup>3</sup><br>*inhalable fraction  |
| <b>872-50-4 N-methyl-2-pyrrolidone</b> |   |
| WEEL                                   | Long-term value: 10 ppm<br>Skin   |
| <b>108-88-3 toluene</b>                |   |
| PEL                                    | Long-term value: 200 ppm<br>Ceiling limit value: 300; 500* ppm<br>*10-min peak per 8-hr shift         |

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|     |   |
|-----|---|
| REL | Short-term value: 560 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 375 mg/m <sup>3</sup> , 100 ppm |
| TLV | Long-term value: 75 mg/m <sup>3</sup> , 20 ppm<br>BEI   |

· **Ingredients with biological limit values:**

**872-50-4 N-methyl-2-pyrrolidone**

BEI 100 mg/L  
Medium: urine  
Time: end of shift  
Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone

**108-88-3 toluene**

BEI 0.02 mg/L  
Medium: blood  
Time: prior to last shift of workweek  
Parameter: Toluene

0.03 mg/L  
Medium: urine  
Time: end of shift  
Parameter: Toluene

0.3 mg/g creatinine  
Medium: urine  
Time: end of shift  
Parameter: o-Cresol with hydrolysis (background)

· **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:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

**9 Physical and chemical properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

|                          |                                    |
|--------------------------|------------------------------------|
| · <b>Form:</b>           | Liquid                             |
| · <b>Color:</b>          | According to product specification |
| · <b>Odor:</b>           | Characteristic                     |
| · <b>Odor threshold:</b> | Not determined.                    |

· **pH-value:** Not determined.

· **Change in condition**

|                                       |               |
|---------------------------------------|---------------|
| · <b>Melting point/Melting range:</b> | Undetermined. |
| · <b>Boiling point/Boiling range:</b> | 100 °C        |

· **Flash point:** 93 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.

· **Explosion limits:**

|                 |                 |
|-----------------|-----------------|
| · <b>Lower:</b> | Not determined. |
| · <b>Upper:</b> | Not determined. |

· **Vapor pressure at 20 °C:** 23 hPa

|                            |                           |
|----------------------------|---------------------------|
| · <b>Density at 20 °C:</b> | 1.22608 g/cm <sup>3</sup> |
| · <b>Relative density</b>  | Not determined.           |
| · <b>Vapor density</b>     | Not determined.           |
| · <b>Evaporation rate</b>  | Not determined.           |

· **Solubility in / Miscibility with**

· **Water:** Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

|                     |                 |
|---------------------|-----------------|
| · <b>Dynamic:</b>   | Not determined. |
| · <b>Kinematic:</b> | Not determined. |

· **Solvent content:** 85.2 g/l / 0.71 lb/gl

· **Organic solvents:** 7.1 %

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- **Water:** 45.9 %
- **VOC content:** 7.12 %  
199.5 g/l / 1.66 lb/gl
- **Solids content:** 45.8 %
- **Other information** No further relevant information available.

**10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant
- **Carcinogenic categories**

|   |              |    |
|---|--------------|----|
| · <b>IARC (International Agency for Research on Cancer)</b> |              |    |
| 14807-96-6  | Talc         | 3  |
| 1333-86-4   | Carbon black | 2B |
| 108-88-3  | toluene      | 3  |

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

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- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

|  |                 |
|--|-----------------|
| · <b>UN-Number</b>   |                 |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>UN proper shipping name</b>   |                 |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>Transport hazard class(es)</b>  |                 |
| · <b>DOT, ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>   | Void            |
| · <b>Packing group</b>   |                 |
| · <b>DOT, ADR, IMDG, IATA</b>  | Void            |
| · <b>Environmental hazards:</b>  |                 |
| · <b>Marine pollutant:</b>   | No              |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>  | Void            |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

|  |
|--|
| · <b>Section 355 (extremely hazardous substances):</b>   |
| None of the ingredient is listed.                        |
| · <b>Section 313 (Specific toxic chemical listings):</b> |
| 14807-96-6   Talc  |

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|           |                        |
|-----------|------------------------|
| 872-50-4  | N-methyl-2-pyrrolidone |
| 108-88-3  | toluene                |
| 1336-21-6 | ammonia solution 26%   |

· **TSCA (Toxic Substances Control Act):**

|             |                                  |
|-------------|----------------------------------|
| 14807-96-6  | Talc                             |
| 107-98-2    | 1-methoxy-2-propanol             |
| 1333-86-4   | Carbon black                     |
| 108419-32-5 | ACETATE ESTER                    |
| 29911-28-2  | Dipropylene glycol n-butyl ether |
| 872-50-4    | N-methyl-2-pyrrolidone           |
| 108-88-3    | toluene                          |
| 11138-66-2  | Xanthan gum                      |
| 1336-21-6   | ammonia solution 26%             |
| 7732-18-5   | water                            |

· **TSCA new (21st Century Act) (Substances not listed)**

|            |                   |
|------------|-------------------|
| 37244-96-5 | NEPHELINE SYENITE |
|------------|-------------------|

· **Proposition 65**

· **Chemicals known to cause cancer:**

|           |              |
|-----------|--------------|
| 1333-86-4 | Carbon black |
|-----------|--------------|

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

|          |                        |
|----------|------------------------|
| 872-50-4 | N-methyl-2-pyrrolidone |
| 108-88-3 | toluene                |

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

|          |         |    |
|----------|---------|----|
| 108-88-3 | toluene | II |
|----------|---------|----|

· **TLV (Threshold Limit Value established by ACGIH)**

|            |              |    |
|------------|--------------|----|
| 14807-96-6 | Talc         | A4 |
| 1333-86-4  | Carbon black | A4 |
| 108-88-3   | toluene      | A4 |

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

|           |              |
|-----------|--------------|
| 1333-86-4 | Carbon black |
|-----------|--------------|

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07

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- **Signal word** Warning
- **Hazard-determining components of labeling:**  
NEPHELINE SYENITE  
Talc
- **Hazard statements**  
H227 Combustible liquid.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.
- **Precautionary statements**  
P210 Keep away from flames and hot surfaces. – No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a poison center/doctor if you feel unwell.  
P321 Specific treatment (see on this label).  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environment protection department.
- **Contact:** Rita Joiner (rjoiner@semproducts.com)
- **Date of preparation / last revision** 03/14/2018 / 9
- **Abbreviations and acronyms:**  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)

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Reviewed on 06/20/2017

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VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
BEI: Biological Exposure Limit  
Flam. Liq. 4: Flammable liquids – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
· **\* Data compared to the previous version altered.**

USA