SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: NCB
Product code: 011009182

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: Base coating
Restrictions on use: Professional Use Only
Uses advised against: Not suitable for use in homemaker (DIY) applications

1.3 Details of the supplier of the safety data sheet

Supplier: Dryvit Systems, Inc
One Energy Way
West Warwick, RI 02893
(401) 822-4100

E-mail Address: ehs@dryvit.com

1.4 Emergency telephone number

Emergency telephone number: Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

<table>
<thead>
<tr>
<th>Germ cell mutagenicity</th>
<th>Category 1B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity</td>
<td>Category 1A</td>
</tr>
</tbody>
</table>

2.2 Label elements

Signal Word
Danger

Hazard Statements
May cause genetic defects
May cause cancer
Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

2.3. Other Hazards Hazards not otherwise classified (HNOC)
Not Applicable

2.4. Other information
Not Applicable

Unknown Acute Toxicity
6.26% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate (Limestone)</td>
<td>1317-65-3</td>
<td>30 - 40%</td>
</tr>
<tr>
<td>Crystalline silica (Quartz) (Respirable)</td>
<td>14808-60-7</td>
<td>20 - 30%</td>
</tr>
<tr>
<td>Aluminium Hydroxide</td>
<td>21645-51-2</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>0 - 10%</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0 - 10%</td>
</tr>
<tr>
<td>Ethylene oxide</td>
<td>75-21-8</td>
<td>0 - 10%</td>
</tr>
</tbody>
</table>

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

4. First aid measures

4.1. Description of first-aid measures

General advice
If symptoms persist, call a physician.

Eye contact
Call a physician if irritation develops or persists. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact
Immediate medical attention is not required. Call a physician if irritation develops or persists.

Inhalation
Immediate medical attention is not required. Call a physician if irritation develops or persists. Get medical attention if symptoms occur.
Ingestion  If swallowed, do not induce vomiting – seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms  No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician  No information available.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media  Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media  None.

5.2 Special hazards arising from the substance or mixture

Special Hazard  No information available.

Hazardous Combustion Products  No information available.

Explosion Data
  Sensitivity to Mechanical Impact  No information available.
  Sensitivity to Static Discharge  No information available.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including: the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

6.2 Environmental precautions

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment  Spills and leaks are not likely. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up  Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling  Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures  Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities
Storage Conditions
Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Store in accordance with local regulations. Keep from freezing.

Materials to Avoid

8. Exposure controls/personal protection

8.1 Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>British Columbia</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate (Limestone) 1317-65-3</td>
<td>-</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Crystalline silica (Quartz) (Respirable) 14808-60-7</td>
<td>TWA: 0.025 mg/m³ respirable fraction: (30)/(%SiO₂ + 2) mg/m³ TWA total dust: (250)/(%SiO₂ + 5) mppcf TWA respirable fraction: (10)/(%SiO₂ + 2) mg/m³ TWA respirable fraction</td>
<td>TWA: 0.025 mg/m³</td>
<td>TWA: 0.025 mg/m³</td>
<td>TWA: 0.1 mg/m³</td>
<td>TWA: 0.10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Aluminium Hydroxide 21645-51-2</td>
<td>TWA: 1 mg/m³ respirable fraction</td>
<td>-</td>
<td>TWA: 1.0 mg/m³</td>
<td></td>
<td></td>
<td>TWA: 1 mg/m³</td>
</tr>
<tr>
<td>Mica 12001-26-2</td>
<td>TWA: 3 mg/m³ respirable fraction</td>
<td>TWA: 20 mppcf &lt;1% Crystalline silica</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ total dust</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ethylene oxide 75-21-8</td>
<td>TWA: 1 ppm</td>
<td>STEL: 5 ppm see 29 CFR 1910.1047</td>
<td>TWA: 0.1 ppm STEL: 1 ppm Adverse reproductive effect</td>
<td>TWA: 1 ppm TWA: 1.8 mg/m³</td>
<td>TWA: 1 ppm TWA: 1.8 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

8.2 Appropriate engineering controls

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection
If splashes are likely to occur, wear: Tightly fitting safety goggles.

Skin and body protection
Wear protective gloves/ protective clothing.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene measures
See section 7 for more information
9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Off-white Gray or Colored liquid</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Faint</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>&gt;8</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>&gt; 100 °C / 212 °F</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>no data available</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.96 - 1.80 g/cc</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

9.2 Other information

- Volatile organic compounds (VOC): no data available
- Density: 8.0 - 15.0 lbs/gal

10. Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Do not freeze. To avoid thermal decomposition, do not overheat.

10.5 Incompatible Materials

10.6 Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity 6.26% of the mixture consists of ingredient(s) of unknown toxicity

LC50 (Dust/Mist) 254.32 mg/l

Numerical measures of toxicity: Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz)</td>
<td>500 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(Respirable)</td>
<td>14808-60-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminium Hydroxide</td>
<td>5000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>21645-51-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>13463-67-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene oxide</td>
<td>72 mg/kg (Rat)</td>
<td>-</td>
<td>= 800 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>75-21-8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11.2 Information on toxicological effects

Skin corrosion/irritation
Product Information
• No information available
Component Information
• No information available

Serious eye damage/eye irritation
Product Information
• No information available
Component Information
• No information available

Respiratory or skin sensitization
Product Information
• No information available
Component Information
• No information available

Germ cell mutagenicity
Product Information
• No information available
Component Information
• No information available

Carcinogenicity
Product Information
• The table below indicates whether each agency has listed any ingredient as a carcinogen
Component Information
• Contains a known or suspected carcinogen

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Toxicity to algae</td>
<td>Toxicity to fish</td>
<td>Toxicity to daphnia and other aquatic invertebrates</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------</td>
<td>-----------------</td>
<td>----------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Ethylene oxide 75-21-8</td>
<td>-</td>
<td>LC50: 96 h Pimephales promelas 73 - 96 mg/L</td>
<td>LC50: 48 h Daphnia magna 137 - 300 mg/L</td>
<td></td>
</tr>
</tbody>
</table>

### 12. Ecological information

#### 12.1 Toxicity

**Ecotoxicity**

No information available

6.3815 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene oxide 75-21-8</td>
<td>-</td>
<td>LC50: 96 h Pimephales promelas 73 - 96 mg/L</td>
<td>LC50: 48 h Daphnia magna 137 - 300 mg/L</td>
</tr>
</tbody>
</table>

#### 12.2 Persistence and degradability

No information available.

#### 12.3 Bioaccumulative potential

Discharge into the environment must be avoided

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene oxide 75-21-8</td>
<td>-0.3</td>
</tr>
</tbody>
</table>

#### 12.4 Mobility in soil

No information available.

#### 12.5 Other adverse effects

---
13. Disposal Considerations

13.1 Waste treatment methods.

Dispose of in accordance with federal, state, and local regulations.

14. Transport Information

DOT Not regulated
MEX Not regulated
IMDG Not regulated
IATA Not regulated

15. Regulatory information

15.1 International Inventories

TSCA -
DSL -
EINECS/ELINCS -
ENCS -
IECSC -
KECL -
PICCS -
AICS -
NZIoC -

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL - Canadian Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances IECSC
- China Inventory of Existing Chemical Substances KECL -
  Korean Existing and Evaluated Chemical Substances
PICCS - -
AICS -
NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene oxide</td>
<td></td>
</tr>
<tr>
<td></td>
<td>75-21-8</td>
</tr>
<tr>
<td></td>
<td>0.1</td>
</tr>
</tbody>
</table>

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz) (Respirable) - 14808-60-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Titanium dioxide - 13463-67-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Ethylene oxide - 75-21-8</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea - 330-54-1</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Sulphuric acid - 7664-93-9</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>ETHYL ACRYLATE - 140-88-5</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

Legend:
- ACGIH (American Conference of Governmental Industrial Hygienists)
- Ceiling (C)
- DOT (Department of Transportation)
- EPA (Environmental Protection Agency)
- IARC (International Agency for Research on Cancer)
- International Air Transport Association (IATA)
- International Maritime Dangerous Goods (IMDG)
- NIOSH (National Institute for Occupational Safety and Health)
- NTP (National Toxicology Program)
- OSHA (Occupational Safety and Health Administration of the US Department of Labor)
- PEL (Permissible Exposure Limit)
- Reportable Quantity (RQ)
- Skin designation (S*)
- STEL (Short Term Exposure Limit)
- TLV® (Threshold Limit Value)
- TWA (time-weighted average)

Revision Date: 22-Mar-2017
Revision Note: No information available

Disclaimer:
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet