1. Identification

Product identifier used on the label

MasterSeal NP 1 ash brn also NP1 ASH BRN

Recommended use of the chemical and restriction on use

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

2. Hazards Identification


Classification of the product

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2A</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

Serious eye damage/eye irritation
Respiratory sensitization
Skin sensitization
Carcinogenicity
Reproductive toxicity

Label elements

Pictogram:
Signal Word:
Danger

Hazard Statement:
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H361 Suspected of damaging the unborn child.

Precautionary Statements (Prevention):
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P284 [In case of inadequate ventilation] wear respiratory protection.
P272 Contaminated work clothing should not be allowed out of the workplace.
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P341 + P311 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P362 + P364 Take off contaminated clothing and wash before reuse.
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Storage):
P405 Store locked up.

Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.


Emergency overview

WARNING:
SENSITIZATION CAN OCCUR IN SOME INDIVIDUALS, LEADING TO ASTHMA-LIKE SPASMS OF THE BRONCHIAL TUBES AND DIFFICULTY BREATHING. INDIVIDUALS WITH A HISTORY OF RESPIRATORY ILLNESS, ASTHMATIC CONDITIONS, EYE DAMAGE OR TDI SENSITIZATION SHOULD NOT BE EXPOSED TO THIS PRODUCT. TDI IS INCLUDED IN THE NTP ANNUAL REPORT ON CARCINOGENS. RESULTS FROM A TDI HEALTH STUDY INDICATE THAT OVEREXPOSURE TO A RESPIRATORY IRRITANT, RESULTING IN LOWER RESPIRATORY
TRACT SYMPTOMS COULD INCREASE THE RISKS OF DEVELOPING ASTHMA-LIKE REACTIONS FROM SUBSEQUENT TDI EXPOSURE.

Irritating to eyes, respiratory system and skin.
CONTAINS MATERIAL WHICH MAY CAUSE CANCER.
Avoid contact with the skin, eyes and clothing.

3. Composition / Information on Ingredients


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>145899-78-1</td>
<td>&gt;= 0.3 - &lt; 1.0%</td>
<td>3-Oxazolidineethanol, 2-(1-methylethyl)-, 3,3'-carbonate</td>
</tr>
<tr>
<td>91-08-7</td>
<td>&gt;= 0.3 - &lt; 1.0%</td>
<td>toluene-2,6-diisocyanate</td>
</tr>
<tr>
<td>2530-83-8</td>
<td>&gt;= 0.3 - &lt; 1.0%</td>
<td>trimethoxy(3-(oxiranylmethoxy)propyl)silane</td>
</tr>
<tr>
<td>4083-64-1</td>
<td>&gt;= 0.2 - &lt; 0.3%</td>
<td>4-toluenesulphonyl isocyanate</td>
</tr>
<tr>
<td>149-57-5</td>
<td>&gt;= 0.0 - &lt; 0.2%</td>
<td>2-ethylhexanoic acid</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1317-65-3</td>
<td>&gt;= 10.0 - &lt;= 30.0%</td>
<td>Limestone</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>&gt;= 3.0 - &lt;= 7.0%</td>
<td>talc</td>
</tr>
<tr>
<td>53306-54-0</td>
<td>&gt;= 1.0 - &lt;= 5.0%</td>
<td>bis(2-propylethyl) phthalate</td>
</tr>
<tr>
<td>8052-41-3</td>
<td>&gt;= 1.0 - &lt;= 5.0%</td>
<td>Stoddard solvent</td>
</tr>
<tr>
<td>1305-78-8</td>
<td>&gt;= 0.5 - &lt;= 1.5%</td>
<td>calcium oxide</td>
</tr>
<tr>
<td>91-08-7</td>
<td>&gt; 0.1 - &lt; 1.0%</td>
<td>toluene-2,6-diisocyanate</td>
</tr>
<tr>
<td>584-84-9</td>
<td>&gt; 0.0 - &lt; 0.1%</td>
<td>toluene-2,4-diisocyanate</td>
</tr>
</tbody>
</table>

The product contains:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1317-65-3</td>
<td>13.431 %</td>
<td>Limestone</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>4.3263 %</td>
<td>talc</td>
</tr>
<tr>
<td>8052-41-3</td>
<td>1.8983 %</td>
<td>Stoddard solvent</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>0.0642 %</td>
<td>crystalline silica</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

Description of first aid measures

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

5. Fire-Fighting Measures

Extinguishing media
Special hazards arising from the substance or mixture
Advice for fire-fighters
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Environmental precautions
Methods and material for containment and cleaning up

7. Handling and Storage

Precautions for safe handling
Conditions for safe storage, including any incompatibilities

8. Exposure Controls/Personal Protection

**Components with occupational exposure limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>TWA value</th>
<th>STEL value</th>
<th>remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene-2,6-diisocyanate</td>
<td>TWA 0.005 ppm ; STEL 0.02 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-ethylhexanoic acid</td>
<td>TWA 5 mg/m3 Inhalable fraction and vapor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limestone</td>
<td>OSHA PEL 15 mg/m3 Total dust ; TWA 15 mg/m3 Total dust ; TWA 5 mg/m3 Respirable fraction ;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
talc
OSHA PEL  TWA value 20 millions of particles per cubic foot of air; TWA value 2.4 millions of particles per cubic foot of air. Respirable.
The exposure limit is calculated from the equation, 250/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
TWA value 0.1 mg/m3 Respirable.
The exposure limit is calculated from the equation, 10/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
TWA value 0.3 mg/m3 Total dust.
The exposure limit is calculated from the equation, 30/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
TWA value 2 mg/m3 Respirable dust; TWA value 0.3 mg/m3 Total dust.
The exposure limit is calculated from the equation, 30/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
TWA value 0.1 mg/m3 Respirable.
The exposure limit is calculated from the equation, 10/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
TWA value 2.4 millions of particles per cubic foot of air. Respirable.
The exposure limit is calculated from the equation, 250/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
TWA value 20 millions of particles per cubic foot of air.

Stoddard solvent
OSHA PEL  PEL 500 ppm
ACGIH TLV  TWA value 2.900 mg/m3

Personal protective equipment
Respiratory protection:
When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place.

9. Physical and Chemical Properties

Odour: slight odour
10. Stability and Reactivity

Reactivity

Oxidizing properties:
Not an oxidizer.

Chemical stability

Possibility of hazardous reactions

Conditions to avoid

Incompatible materials

Hazardous decomposition products

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Sensitization
Assessment of sensitization: The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic Toxicity/Effects

Symptoms of Exposure

12. Ecological Information

No applicable information available.
13. Disposal considerations

14. Transport Information

Land transport
USDOT

Not classified as a dangerous good under transport regulations

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:
Chemical TSCA, US released / listed

TSCA § 5 proposed Significant New Use Restriction (SNUR)
This product contains a substance subject to a pending SNUR.
40 CFR 721.10789

EPCRA 311/312 (Hazard categories): Acute; Chronic

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 LBS</td>
<td>7664-38-2</td>
<td>phosphoric acid</td>
</tr>
<tr>
<td>1000 LBS</td>
<td>108-88-3</td>
<td>Toluene</td>
</tr>
<tr>
<td>100 LBS</td>
<td>108-90-7; 584-84-9; 91-08-7</td>
<td>chlorobenzene; toluene-2,4-diisocyanate; toluene-2,6-diisocyanate</td>
</tr>
</tbody>
</table>

State regulations

<table>
<thead>
<tr>
<th>State RTK</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>1317-65-3</td>
<td>Limestone</td>
</tr>
<tr>
<td></td>
<td>584-84-9</td>
<td>toluene-2,4-diisocyanate</td>
</tr>
<tr>
<td></td>
<td>91-08-7</td>
<td>toluene-2,6-diisocyanate</td>
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<td></td>
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<tr>
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<td>1317-65-3</td>
<td>Limestone</td>
</tr>
<tr>
<td></td>
<td>584-84-9</td>
<td>toluene-2,4-diisocyanate</td>
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</table>
CA Prop. 65:
WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

NFPA Hazard codes:
Health: 2  Fire: 0  Reactivity: 0  Special:

HMIS III rating
Health: 2  Flammability: 0  Physical hazard: 0

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2015/07/08

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