EMACO 100® LIQUID ACTIVATOR (FORMERLY: SONOPATCH 100)

1. PRODUCT AND COMPANY INFORMATION

Company: BASF Building Systems, Inc.
889 Valley Park Drive
Shakopee, MN 55379

Telephone: 952-496-6000

Emergency telephone number: BASF ER HOTLINE: 800-832-4357
CHEMTREC: 800-424-9300
CHEMTREC (Outside Continental US): 703-527-3887

Product name: EMACO 100® LIQUID ACTIVATOR

MSDS ID No.: 11065

TSCA Inventory: All components of this product are included, or are exempt from inclusion, in the EPA
Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Canadian DSL: All components of this product are included, or are exempt from inclusion, in the
Canadian Domestic Substance List (DSL).

2. HAZARDOUS INGREDIENTS

Does not contain hazardous chemicals as defined by 29 CFR 1910.1200 and WHMIS.

3. HAZARDS IDENTIFICATION

HMIS® Rating

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

WHMIS Class: Not controlled

Effects of Overexposure

Inhalation: Can cause slight irritation.
Skin: Can cause slight irritation.
Eyes: Can cause slight irritation.
Ingestion: Can cause slight irritation.
Chronic exposure: No known information available.

4. FIRST AID MEASURES

Eye contact: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek
Skin contact: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: not applicable
Autoignition temperature: no data available
Lower explosion limit: no data available
Upper explosion limit: no data available
Suitable extinguishing media: water fog
Fire and Explosion Hazards: Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.
Special Fire-fighting Procedures: As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Wear appropriate protective equipment (refer to section 8). Take action to eliminate source of leak; prevent from entry into open streams or sewers; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

7. HANDLING AND STORAGE

Handling: Keep out of reach of children. For personal protection see section 8.
Storage: Keep tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection: Wear as appropriate: safety glasses with side-shields goggles
face-shield

Hand protection : Wear as appropriate:
impervious gloves

Body Protection  : Wear as appropriate:
impervious clothing
preventive skin protection

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls  : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color : white
Physical State : liquid
Odor : acrylic
pH : Approx. 9.3
Odor Threshold : no data available
Vapor Pressure : Approx. 17 mm/Hg at 68 °F (20 °C)
Vapor Density : no data available
Boiling point/range : no data available
Freeze Point : no data available
Water solubility : partly soluble
Viscosity : no data available
Evaporation rate : Slower than Butyl acetate
Partition coefficient (n-octanol/water) : no data available
VOC Concentration as applied (less water and exempt solvents) : 0 g/l
10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.

Conditions to avoid : Prolonged exposure to high temperatures

Materials to avoid : Strong mineral acids, Lewis acids, oxidizing agents, strong bases.

Hazardous decomposition products : Thermal decomposition: carbon oxides

Hazardous polymerization : Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Acute inhalation toxicity</th>
<th>Type</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>LC50</td>
<td>no data available</td>
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</table>

<table>
<thead>
<tr>
<th>Acute oral toxicity</th>
<th>Type</th>
<th>Value</th>
<th>Species</th>
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<tr>
<td>Product</td>
<td>LD50 (Oral)</td>
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</table>

<table>
<thead>
<tr>
<th>Acute dermal toxicity</th>
<th>Type</th>
<th>Value</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>LD50 (Dermal)</td>
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<td></td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT : Proper shipping name Not regulated
15. REGULATORY INFORMATION

SARA 311/312 (RTK)
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

not applicable

SARA 313
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

This product contains no chemicals subject to the SARA 313 supplier notification requirements.

CERCLA
CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

<table>
<thead>
<tr>
<th>RQ</th>
<th>CAS No.</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>No CERCLA chemicals exist in this product above reportable concentrations.</td>
<td></td>
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</tbody>
</table>

TSCA Section 12(b) Export Notification
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>No TSCA 12(b) Chemicals in this product.</td>
<td></td>
</tr>
</tbody>
</table>

California Proposition 65
The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>71-43-2</td>
<td>BENZENE</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Legend:
- N.E. - Not Established
- TLV - Threshold Limit Value
- STEL - Short Term Exposure Limit
- PEL - Permissible Exposure Limit
- CEIL - Ceiling

Prepared By: Environment, Health and Safety Department
This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the
best of the manufacturer's knowledge, or is obtained from sources believed by the manufacturer to be accurate and is not intended
to be all inclusive. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from
its use thereof. The manufacturer assumes no responsibility for injuries proximately caused by use of the Material if reasonable
safety procedures are not followed as stipulated in this Data Sheet. Additionally, the manufacturer assumes no responsibility for
injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the
risk in its use of the Material.

End of MSDS.