1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MODAFLOW® 9200 Resin modifier

Reference Number: 000000007574

Date: 11/06/2003

Company Information:

United States:
Surface Specialties, Inc.
1950 Lake Park Drive
Smyrna, GA 30080
Emergency telephone: Chemtrec: 1-800-424-9300
Non-Emergency telephone: 1-800-433-2873

Canada:
Surface Specialties UCB, Inc.
1950 Lake Park Drive
Smyrna, GA 30080
Emergency telephone: CANUTEC: 1-613-996-6666
Non-Emergency telephone: 1-800-433-2873

Mexico:
UCB de Mexico S.A. DE C.V.
Homero n. 440 - 7 piso
Col. Chapultec Morales 11570 México, D.F.
Emergency telephone: SETIQ: (in Mexico) 01-800-002-1400
Non-Emergency telephone: (in Mexico) 555-531-6771

Brazil:
UCB do Brasil Ltda
Avenue Jorge Bei Maluf, 2105
CEP 08686-000 Suzano, SP
Emergency telephone: 0800 193-190
Non-Emergency telephone: 5511 4745-8569

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>Average concentration range</th>
<th>Concentration range</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 acrylic polymer</td>
<td></td>
<td>&gt;99.0</td>
<td>&gt;99.0</td>
<td>%</td>
</tr>
<tr>
<td>2-ethylhexyl acrylate</td>
<td>103-11-7</td>
<td>&lt;0.2</td>
<td>&lt;0.2</td>
<td>%</td>
</tr>
</tbody>
</table>

¹ The specific chemical identity and/or concentration is being withheld because it is trade secret information of Surface Specialties, Inc.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Form: viscous liquid
Colour: clear to pale yellow
Odour: characteristic
WARNING STATEMENTS

No significant hazards associated with this material

POTENTIAL HEALTH EFFECTS

Likely routes of exposure:  
- eye and skin contact
- inhalation

Eye contact:  
No more than slightly irritating to eyes.

Skin contact:  
No more than slightly irritating to skin.  
No more than slightly toxic if absorbed.

Inhalation:  
No more than slightly irritating  
No more than slightly toxic if inhaled.

Ingestion:  
No more than slightly toxic if swallowed.  
Significant adverse health effects are not expected to develop if only small amounts (less than a mouthful) are swallowed.

Refer to Section 11 for toxicological information.

4. FIRST AID MEASURES

If in eyes:  
Immediate first aid is not likely to be required.  
This material can be removed with water.

If on skin:  
Immediate first aid is not likely to be required.  
This material can be removed with water.  
Wash heavily contaminated clothing before reuse.

If inhaled:  
Immediate first aid is not likely to be required.  
If symptoms occur, remove to fresh air.  
Remove material from eyes, skin and clothing.

If swallowed:  
Immediate first aid is not likely to be required.  
A physician or Poison Control Center can be contacted for advice.  
Wash heavily contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Flash point:  
> 93 °C  
Setaflash closed tester

Hazardous products of combustion:  
carbon monoxide (CO) ; carbon dioxide ; smoke ; soot

Extinguishing media:  
Water spray, foam, dry chemical, or carbon dioxide

Unusual fire and explosion hazards:  
None known
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protection recommended in section 8.

Environmental precautions: Keep out of drains and water courses.

Methods for cleaning up: Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with an inert material and then place in a chemical waste container. Flush spill area with water.

Refer to Section 13 for disposal information and Sections 14 and 15 for reportable quantity information.

7. HANDLING AND STORAGE

Handling
Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing.

Emptied containers retain vapour and product residue. Observe all recommended safety precautions until container is cleaned, reconditioned or destroyed. The reuse of this material's container for non-industrial purposes is prohibited and any reuse must be in consideration of the data provided in this material safety data sheet.

Storage
General: Stable under normal conditions of handling and storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection: Does not cause significant eye irritation or eye toxicity requiring special protection. Use good industrial practice to avoid eye contact.

Hand protection: Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wearing protective gloves is recommended. Consult the glove/clothing manufacturer to determine the appropriate type glove/clothing for a given application.

Body protection: Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wash contaminated skin thoroughly after handling.

Respiratory protection: This material is not likely to present an airborne exposure concern under normal conditions of use. Avoid breathing vapour or mist. Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.
Surface Specialties, Inc.  Material Safety Data Sheet

Product name: MODAFLOW® 9200  Resin modifier
Reference Number: 00000007574

Ventilation: Provide natural or mechanical ventilation to minimize exposure.
If practical, use local mechanical exhaust ventilation at sources of air contamination such as processing equipment.

Airborne exposure limits: (ml/m3 = ppm)

MODAFLOW® 9200  No specific occupational exposure limit has been established.

Components referred to herein may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. STABILITY AND REACTIVITY

Conditions to avoid: None known
Materials to avoid: None known
Hazardous reactions: Hazardous polymerization does not occur.
Hazardous decomposition products: None known;

11. TOXICOLOGICAL INFORMATION

Surface Specialties has not conducted toxicity studies on this material and no toxicological information was obtained in a reasonably extensive search of the available scientific literature.

Components

Data from Surface Specialties' studies and/or the available scientific literature on the components of this material which have been identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian Hazardous Products Act are discussed below.

2-ethylhexyl acrylate  Irritating to eyes, skin and respiratory tract.
May cause sensitization in susceptible individuals.
Toxic following oral administration.
Practically nontoxic after skin application in animal studies.
Produced tumours at the site of application.
The weight of the evidence indicates that this material is mutagenic in in vitro assays.

12. ECOLOGICAL INFORMATION
Surface Specialties has not conducted environmental toxicity or biodegradation studies with this material.

13. DISPOSAL CONSIDERATIONS

US EPA RCRA Status: This material when discarded is not a hazardous waste as that term is defined by the Resource, Conservation and Recovery Act (RCRA), 40 CFR 261.

Disposal considerations: Incineration
Recycle

Miscellaneous advice: Local, state, provincial, and national disposal regulations may be more or less stringent. Consult your attorney or appropriate regulatory officials for information on such disposal. This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.

14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

US DOT
Other: Not regulated for transport.

Canadian TDG
Other: Not regulated for transport.

15. REGULATORY INFORMATION

All components are in compliance with the following inventories: U.S. TSCA, EU EINECS

Other chemical inventory information: All the precursors of this product appear on the Inventory of Chemical Substances published by the U.S. Environmental Protection Agency (EPA) under the authority of the Toxic Substances Control Act (TSCA). The final product is exempt from the requirement of listing on the TSCA Inventory under the provisions of the Polymer Exemption, 40 CFR 723.250.

The polymer contained within this product is exempt from listing in the European Inventory. The monomers used to manufacture this polymer are listed as required, as are all other components of this product.

Canadian WHMIS classification: Not Controlled

SARA Hazard Notification:

Hazard Categories Under Title III Rules (40 CFR 370): Not applicable
Section 302 Extremely Hazardous Substances:

Section 313 Toxic Chemical(s):

CERCLA Reportable Quantity:

Not applicable

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulation and the MSDS contains all the information required by the Canadian Controlled Products Regulation.

Refer to Section 11 for OSHA/HPA Hazardous Chemical(s) and Section 13 for RCRA classification.

Safety data sheet also created in accordance with Brazilian law NBR 14725

16. OTHER INFORMATION

Product use: Flow modifier

Reason for revision: New Product.

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

Suggested NFPA Rating

Suggested HMIS Rating

Prepared by the Surface Specialties, Inc. Product Stewardship Group. Please consult Surface Specialties, Inc. @ 1-800-433-2873 if further information is needed.

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