1. Identification

Product Information: M293-4004

Product Name: BACKGROUND MARKER GLAZE HANG-UP BROWN GLAZE 4898136

Recommended Use: Surface Preparation or Protection

Supplied by: Mohawk Finishing Products
Division of RPM Wood Finishes Group, Inc.
2220 US Hwy 70 SE Suite 100
Hickory, NC 28602
USA

Company Phone No: (800) 522-8266

Emergency Phone No. CHEMTREC: (800) 424-9300

International Emergency No. CHEMTREC: (703) 527-3887 (Collect calls are accepted)

2. Hazards Identification

GHS Classification
Eye Dam. 1, Flam. Liq. 2, Skin Irrit. 2, STOT SE 3 NE

Symbol(s) of Product

GHS HAZARD STATEMENTS
Flammable Liquid, category 2
STOT, single exposure, category 3, NE
Skin Irritation, category 2
Serious Eye Damage, category 1

H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H315 Causes skin irritation.
H318 Causes serious eye damage.

GHS LABEL PRECAUTIONARY STATEMENTS
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P362 Take off contaminated clothing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
GHS SDS PRECAUTIONARY STATEMENTS

P240  Ground/bond container and receiving equipment.
P241  Use explosion-proof electrical/ventilating/lighting/ equipment.
P242  Use only non-sparking tools.
P243  Take precautionary measures against static discharge.

3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol</td>
<td>64-17-5</td>
<td>40-55</td>
<td>GHS02</td>
<td>H225</td>
</tr>
<tr>
<td>butanol</td>
<td>71-36-3</td>
<td>10-25</td>
<td>GHS02-GHS05-</td>
<td>H226-302-315-318-332-335-336</td>
</tr>
<tr>
<td>pm acetate</td>
<td>108-65-6</td>
<td>2.5-10</td>
<td>GHS02-GHS07</td>
<td>H226-332</td>
</tr>
<tr>
<td>isopropanol</td>
<td>67-63-0</td>
<td>1.0-2.5</td>
<td>GHS02-GHS07</td>
<td>H225-302-319-336</td>
</tr>
<tr>
<td>dipropylene glycol monomethyl ether</td>
<td>34590-94-8</td>
<td>1.0-2.5</td>
<td>No Information</td>
<td>No Information</td>
</tr>
<tr>
<td>manganese oxide</td>
<td>1313-13-9</td>
<td>0.1-1.0</td>
<td>GHS02</td>
<td>H251</td>
</tr>
<tr>
<td>carbon black</td>
<td>1333-86-4</td>
<td>0.1-1.0</td>
<td>GHS07</td>
<td>H302</td>
</tr>
<tr>
<td>crystalline silica</td>
<td>14808-60-7</td>
<td>0.1-1.0</td>
<td>GHS07-GHS07</td>
<td>H226-304-332-373</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>0.1-1.0</td>
<td>GHS08</td>
<td></td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of ingredients is being withheld as a trade secret.
The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures

FIRST AID - EYE CONTACT: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

FIRST AID - SKIN CONTACT: IF ON SKIN: Wash with plenty of soap and water.

FIRST AID - INGESTION: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

FIRST AID - INHALATION: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

5. Fire-fighting Measures

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

FIREFIGHTING EQUIPMENT: This is a NFPA/OSHA Class 1B or less flammable liquid. Follow NFPA30, Chapter 16 for fire protection and fire suppression. Use a dry chemical, carbon dioxide, or similar ABC fire extinguisher for incipient fires. Water may be used to cool and prevent rupture of containers that are exposed to heat from fire.

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment 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. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

7. Handling and Storage

HANDLING: Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury.

STORAGE: Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH- TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol</td>
<td>N.D.</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td>N.D.</td>
</tr>
<tr>
<td>butanol</td>
<td>20 ppm</td>
<td>N.D.</td>
<td>100 ppm</td>
<td>N.D.</td>
</tr>
<tr>
<td>pm acetate</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>isopropanol</td>
<td>200 ppm</td>
<td>400 ppm</td>
<td>400 ppm</td>
<td>N.D.</td>
</tr>
<tr>
<td>dipropylene glycol monomethyl ether</td>
<td>100 ppm</td>
<td>150 ppm</td>
<td>100 ppm</td>
<td>N.D.</td>
</tr>
<tr>
<td>manganese oxide</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
<td>N.D.</td>
</tr>
<tr>
<td>carbon black</td>
<td>3 mg/m3</td>
<td>N.D.</td>
<td>3.5 mg/m3</td>
<td>N.D.</td>
</tr>
<tr>
<td>crystalline silica</td>
<td>0.025 mg/m3</td>
<td>N.D.</td>
<td>50 µg/m3</td>
<td>N.D.</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>20 ppm</td>
<td>N.D.</td>
<td>100 ppm</td>
<td>N.D.</td>
</tr>
</tbody>
</table>

Further Advice: MEL = Maximum Exposure Limit  OES = Occupational Exposure Standard  SUP = Supplier’s Recommendation  Sk = Skin Sensitizer  N.E. = Not Established  N.D. = Not Determined

Personal Protection

RESPIRATORY PROTECTION: A NIOSH-approved air-purifying respirator with the appropriate cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

SKIN PROTECTION: Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

EYE PROTECTION: Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.

OTHER PROTECTIVE EQUIPMENT: No Information

HYGIENIC PRACTICES: It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.
9. Physical and Chemical Properties

Appearance: Colored Liquid
Odor: Moderately Strong Alcohol
Density, g/cm³: 0.899
Freeze Point, °F: Not determined
Solubility in Water: Not determined
Decomposition temperature, °F: Not determined
Boiling Range, °F: > 100 °F
 Combustibility: Supports Combustion
Evaporation Rate: Faster than Diethyl Ether
Vapor Density: Not determined
N.I. = No Information

Physical State: LIQUID
Odor Threshold: Not determined
pH: Not determined
Viscosity: Not determined
Partition Coefficient, n-octanol/water: Not determined
Explosive Limits, %: Not determined
Flash Point, °F: 55 ° F
Auto-Ignition Temperature, °F: Not determined
Vapor Pressure, mmHg: Not determined

10. Stability and reactivity

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Heat, flames and sparks.
INCOMPATIBILITY: Acids, Bases, Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

11. Toxicological information

Practical Experiences

EMERGENCY OVERVIEW: No Information

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information
EFFECT OF OVEREXPOSURE - INGESTION: No Information
EFFECT OF OVEREXPOSURE - INHALATION: No Information
EFFECT OF OVEREXPOSURE - SKIN CONTACT: No Information
CARCINOGENICITY: No Information

PRIMARY ROUTE(S) OF ENTRY:
- Eye Contact, Skin Contact

Acute Toxicity Values
The acute effects of this product have not been tested. Data on individual components are tabulated below

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol</td>
<td>7060 mg/kg Rat</td>
<td>15,800 mg/kg</td>
<td>124.7 mg/L Rat</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Chemical Name</td>
<td>Oral LD₅₀ (Rat)</td>
<td>Oral LD₅₀ (Rabbit)</td>
<td>Skin LD₅₀ (Rat)</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------</td>
<td>----------------</td>
<td>-------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>71-36-3</td>
<td>butanol</td>
<td>700 mg/kg</td>
<td>3402 mg/kg Rabbit</td>
<td>8000 mg/l Rat</td>
</tr>
<tr>
<td>108-65-6</td>
<td>pm acetate</td>
<td>8532 mg/kg</td>
<td>&gt;5000 mg/kg Rabbit</td>
<td>&gt;20 mg/L</td>
</tr>
<tr>
<td>67-63-0</td>
<td>isopropanol</td>
<td>1870 mg/kg</td>
<td>4059 mg/kg Rabbit</td>
<td>72.6 mg/l Rat</td>
</tr>
<tr>
<td>34590-94-8</td>
<td>dipropylene glycol monomethyl ether</td>
<td>5230 mg/kg</td>
<td>9500 mg/kg Rabbit</td>
<td>&gt;20 mg/l</td>
</tr>
<tr>
<td>1313-13-9</td>
<td>manganese oxide</td>
<td>9000 mg/kg</td>
<td>N.I.</td>
<td>&gt;20 mg/l</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>carbon black</td>
<td>&gt;5000 mg/kg</td>
<td>&gt;3000 mg/kg Rabbit</td>
<td>&gt;20 mg/l</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>crystalline silica</td>
<td>500 mg/kg</td>
<td>N.I.</td>
<td>&gt;20 mg/l</td>
</tr>
<tr>
<td>100-41-4</td>
<td>ethylbenzene</td>
<td>3500 mg/kg</td>
<td>15400 mg/kg Rabbit</td>
<td>17.2 mg/L Rat</td>
</tr>
</tbody>
</table>

N.I. = No Information

12. Ecological information

ECOLOGICAL INFORMATION: Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

13. Disposal Information

DISPOSAL METHOD: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment 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. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT: CONSUMER COMMODITY
IATA: ID8000, CONSUMER COMMODITY, 9
IMDG: LIMITED QUANTITY UN1263

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

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

Fire Hazard, Acute Health Hazard
SARA SECTION 313
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>butanol</td>
<td>71-36-3</td>
</tr>
</tbody>
</table>

TOXIC SUBSTANCES CONTROL ACT
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

CALIFORNIA PROPOSITION 65 CARCINOGENS
WARNING: This product contains a chemical known to the State of California to cause cancer.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

16. Other Information

Revision Date: 5/19/2017           Supersedes Date: 2/17/2017
Reason for revision: Product Composition Changed
Datasheet produced by: Regulatory Department

HMIS Ratings:
<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Volatile Organic Compounds, gr/ltr: 706

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225  Highly flammable liquid and vapour.
H226  Flammable liquid and vapour.
H251  Self-heating: may catch fire.
H302  Harmful if swallowed.
H304  May be fatal if swallowed and enters airways.
H315  Causes skin irritation.
H318  Causes serious eye damage.
H319  Causes serious eye irritation.
H332  Harmful if inhaled.
H335  May cause respiratory irritation.
H36  May cause drowsiness or dizziness.
H373  May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02

GHS05
The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

Only the original U.S. - English version is authoritative.