SLURRY SOLIDIFIER MATERIAL SAFETY DATA SHEET

1. Product and Company Identification
   Material Name: Slurry Solidifier
   Version #: 09
   Revision Date: 24-January-2013
   Chemical Description: Super Absorbent Powder
   CAS #: Mixture
   Manufacturer: WerkMaster Grinders & Sanders Inc.
   1448 Charlotte Road North Vancouver
   British Columbia V7J 1H2 Canada
   info@werkmaster.com
   http://www.werkmaster.com
   Telephone: 1-604-629-8700
   North American Toll Free: 1-866-373-WERK
   Fax: 604-990-9538

2. Hazards Identification
   Emergency Overview: Health injuries are not known or expected under normal use.
   OSHA regulatory status this product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
   Potential Health Effects:
   - Eyes: Resin particles, like other inert materials, are mechanically irritating to eyes.
   - Skin: Health injuries are not known or expected under normal use. Not expected to be a primary skin irritant.
   - Inhalation: Health injuries are not known or expected under normal use. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
   - Ingestion: Health injuries are not known or expected under normal use. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

3. Composition Information on Ingredients
   The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.
   Composition Comments: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

4. First Aid Measures
   First Aid Procedures:
   - Eye: Contact Flush eyes with water as precaution. Get medical attention if irritation develops or persists.
   - Skin: Contact Wash off with soap and water. Get medical attention if irritation develops or persists.
Inhalation
Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Call a physician if symptoms develop or persist.

Ingestion
No need for first aid is anticipated if material is swallowed. Give several glasses of water. If ingestion of a large amount does occur, seek medical attention.

General Advice
If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures
Flammable Properties
None known.

Extinguishing Media
Suitable Extinguishing Media
Dry chemical, CO2, water spray or regular foam.

Extinguishing Media
Not available.

6. Accidental Release Measures
Environmental Precautions
Prevent further leakage or spillage if safe to do so.
Stop leak if you can do so without risk.

Methods for Containment
Collect spill using a vacuum cleaner with a HEPA filter. Avoid the generation of dusts during clean up. The very fine particles can cause a fire or explosion; eliminate all ignition sources. Put material in suitable, covered, labeled containers.

Methods for Cleaning Up

7. Handling and Storage
Handling
Handle and open container with care. Keep formation of airborne dusts to a minimum.

Storage
Store in a cool place in original container and protect from sunlight. Keep the container dry.

8. Exposure Controls / Personal Protection

ACGIH
Byproducts

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA</td>
<td>3.0000 mg/m³</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td></td>
<td>10.0000 mg/m³</td>
<td>Inhalable particles.</td>
</tr>
</tbody>
</table>

U.S. – OSHA
Byproducts

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL</td>
<td>5.0000 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td>15.0000 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>TWA</td>
<td>5.0000 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td>15.0000 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td>50.0000 mppcf</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td>15.0000 mppcf</td>
<td>Respirable fraction</td>
</tr>
</tbody>
</table>
Material Name: Slurry Solidifier / 4284 Version #: 09 / Revision D

Date: 24-January-2013

Personal Protective Equipment
Eye/Face protection  Not normally needed.
Skin Protection  Not normally needed.
Respiratory Protection  No personal respiratory protective equipment normally required. Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

General Hygiene  Use good industrial hygiene practices in handling this material.

9. Physical & Chemical Properties
   Appearance  Powder. Granular.
   Color  White.
   Odor  none.
   Odor Threshold  Not available.
   Physical State  Solid.
   Form  Not available.
   pH  5.5 - 6.5
   Melting Point/Freezing Point  >390˚F (>198.9˚C)
   Boiling Point  Not available.
   Flash Point  Not available.
   Evaporation Rate  <1
   Flammability Limits in Air, Upper, % by Volume  Not available.
   Flammability Limits in Air, Lower, % by Volume  Not available.
   Vapor Pressure  < 10 mm Hg
   Vapor Density  Not available.
   Specific Gravity  0.4 – 0.7
   Relative Density  Not available.
   Solubility (water)  Not available.
   Partition Coefficient (n-octanol/water)  Not available.
   Auto -Ignition Temperature  Not available.
   Decomposition Temperature  Not available.
   VOC  0 % estimated
   Bulk Density  0.4 – 0.7 g/cm3

10. Chemical Stability & Reactivity information
   Chemical Stability  Stable at normal conditions.
   Conditions to Avoid  None known.
   Incompatible Materials  Strong oxidizing agents.
   Hazardous Decomposition  At thermal decomposition temperatures, carbon.
   Products  monoxide and carbon dioxide.
   Possibility of Hazardous Reactions  Will not occur.
11. Toxicological information
   Local Effects
   Dust may irritate respiratory system or lungs.
   Chronic Effects
   Overexposure to dusts may result in pneumoconiosis, a lung disease due to permanent deposition of substantial amounts of particulate matter in the lungs.

12. Ecological information
   Ecotoxicity
   This product is not expected to produce significant Ecotoxicity upon exposure to aquatic organisms and aquatic systems.
   Environmental Effects
   Polyacrylate absorbents are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability.
   Persistence and Degradability
   Not available.

13. Disposal Considerations
   Disposal Instructions
   Dispose in accordance with all applicable regulations.

14. Transport Information
   DOT
   Not regulated as dangerous goods.

15. Regulatory Information
   US Federal Regulations
   OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA highly Hazardous process Safety Standard, 29 CFR 1910.119.
   CERCLA (Superfund)
   Reportable Quantity
   None.
   Superfund Amendments and Reauthorization Act of 1986 (SARA)
   Hazard Categories
   Immediate Hazard – Yes
   Delayed Hazard – No Fire
   Hazard – No Pressure
   Hazard – No Reactivity
   Hazard – No

   Section 302 Extremely No
   Hazardous Substance
   Section 311 Hazardous No
   Chemical

   Inventory Status
   Country(s) or Region       Inventory name                                               On Inv(v/n)
   Australia                  Australian Inventory of chemical Substances (AICS)       No
   Canada                     Domestic Substances List (DSL)                                Yes
   Canada                     Non-Domestic Substances List (NDSL)                           No
   China                      Inventory of Existing Chemical Substances in China(IECSC)  No
   Europe                     European Inventory of Existing Commercial Chemical Substances(EINECS)  No
   Europe                     European List of Notified Chemical Substances (ELINCS)  No
   Japan                      Inventory of Existing and New Chemical Substances (ENCS)  No
   Korea                      Existing Chemicals List (ECL)                                 No
New Zealand Inventory
New Zealand

Philippine Inventory of Chemicals and Chemical Substances
Philippines (PICCS)

Toxic Substances Control Act (TSCA) Inventory
United States & Puerto Rico

"**Yes**" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)"

**State Regulations**
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. Other Information**

**Further Information**
This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

**HMIS Ratings**
- Health: 1
- Flammability: 0
- Physical Hazards: 0

**NFPA Ratings**
- Health: 1
- Flammability: 0
- Physical: 0

**Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It’s the user’s responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Issue Date**
20-September-2010

**This Data Sheet Contains**
Product and Company Identification: Alternate Trade Names
Changes From the Previous Composition / information on Ingredients: Potential Version in compounds formed.
Section(s):
First Aid Measures: Eye contact
First Aid Measures: Skin contact
First Aid Measures: Inhalation
Exposure Controls/Personal Protection: Eye/Face protection
Physical & Chemical Properties: Color
Toxicological Information: Local effects
Toxicological Information: Chronic effects
Toxicological Information: Further information
Ecological Information: Ecotoxicity
Ecological Information: Environmental effects