

SLURRY SOLIDIFIER MATERIAL SAFETY DATA SHEET**1. Product and Company Identification**

Material Name	Slurry Solidifier
Version #	
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 of 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.

Fire Fighting Equipment Instructions Not available.

6. Accidental Release Measures

Environmental Precautions Prevent further leakage or spillage if safe to do so.
Methods for Containment Stop leak if you can do so without risk.
Methods for Cleaning Up 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.

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

Occupational Exposure Limits

ACGIH

Byproducts	Type	Value	Form
INERT OR NUISANCE DUST (SEQ250)	TWA	3.0000 mg/m ³	Respirable particles.
		10.0000 mg/m ³	Inhalable particles.

U.S. – OSHA

Byproducts	Type	Value	Form
INERT OR NUISANCE DUST (SEQ250)	PEL	5.0000mg/m ³	Respirable fraction.
		15.0000mg/m ³	Total dust.
	TWA	5.0000mg/m ³	Respirable fraction.
		15.0000mg/m ³	Total dust.
		50.0000 mppcf	Total dust.
		15.0000 mppcf	Respirable fraction

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 Considerations	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/cm ³

10. Chemical Stability & Reactivity information

Chemical Stability	Stable at normal conditions.
Conditions to Avoid	None known.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide.
Possibility of Hazardous Reactions	Will not occur.

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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)

None.

Reportable Quantity

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
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

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New Zealand	New Zealand Inventory	No
Philippines (PICCS)	Philippine Inventory of Chemicals and Chemical Substances	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

** "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
0
1 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 Changes From the Previous Section(s): Product and Company Identification: Alternate Trade Names
Composition / information on Ingredients: Potential Version in compounds formed.
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