

## 1. Identification

**Product identifier** FASTDRY 8 SP CASTABLE (2 COMPONENT)

**Other means of identification**

**Brand Code** 934A

**Recommended use** For Industrial Use Only

**Recommended restrictions** None known.

**Manufacturer/Supplier information**

**Manufacturer**

**Company name** HarbisonWalker International  
**Address** 1305 Cherrington Parkway, Suite 100  
 Moon Township, Pennsylvania 15108 US  
**Telephone** General Phone: 412-375-6600  
**Website** www.thinkHWI.com  
**Emergency phone number** CHEMTREC 24 HOUR 1-800-424-9300  
 EMERGENCY #

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** Not available.

**Precautionary statement**

**Prevention** Not available.

**Response** Not available.

**Storage** Not available.

**Disposal** licensed facility

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name                                | Common name and synonyms | CAS number | %        |
|--|--------------------------|------------|----------|
| Aluminium Oxide (Non-Fibrous)                |                          | 1344-28-1  | 40 - 60  |
| Spinel (Mg(AlO <sub>2</sub> ) <sub>2</sub> ) |                          | 1302-67-6  | 40 - 60  |
| Magnesium Oxide                              |                          | 1309-48-4  | 2.5 - 10 |

## 4. First-aid measures

**Inhalation** Not available.

**Skin contact** Not available.

**Eye contact** Not available.

**Ingestion** Not available.

**Most important symptoms/effects, acute and delayed** Not available.

## 5. Fire-fighting measures

**Suitable extinguishing media** Not available.

**Unsuitable extinguishing media** Not available.

**Specific hazards arising from the chemical** Not applicable.

**Special protective equipment and precautions for firefighters** Not available.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Not available.

**Methods and materials for containment and cleaning up** Not available.

## 7. Handling and storage

**Precautions for safe handling** Not available.

**Conditions for safe storage, including any incompatibilities** Not available.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                                    | Type | Value  | Form                              |
|---|------|--|-----------------------------------|
| Aluminium Oxide (Non-Fibrous) (CAS 1344-28-1) | PEL  | 5 mg/m <sup>3</sup>                          | Respirable fraction.              |
| Magnesium Oxide (CAS 1309-48-4)               | PEL  | 15 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Total dust.<br>Total particulate. |

#### US. ACGIH Threshold Limit Values

| Components   | Type | Value                | Form                 |
|--|------|----------------------|----------------------|
| Aluminium Oxide (Non-Fibrous) (CAS 1344-28-1)                | TWA  | 1 mg/m <sup>3</sup>  | Respirable fraction. |
| Magnesium Oxide (CAS 1309-48-4)                              | TWA  | 10 mg/m <sup>3</sup> | Inhalable fraction.  |
| Spinel (Mg(AlO <sub>2</sub> ) <sub>2</sub> ) (CAS 1302-67-6) | TWA  | 1 mg/m <sup>3</sup>  | Respirable fraction. |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Not available.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Not available.

#### Skin protection

**Hand protection** Not available.

**Other** Not available.

**Respiratory protection** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**Thermal hazards** Not available.

## 9. Physical and chemical properties

### Appearance

|   |                |
|---|----------------|
| <b>Physical state</b>                               | Solid.         |
| <b>Form</b>   | Not available. |
| <b>Color</b>  | Not available. |
| <b>Odor</b>   | Not available. |
| <b>Odor threshold</b>                               | Not available. |
| <b>pH</b>   | Not available. |
| <b>Melting point/freezing point</b>                 | Not available. |
| <b>Initial boiling point and boiling range</b>      | Not available. |
| <b>Flash point</b>                                  | Not available. |
| <b>Evaporation rate</b>                             | Not available. |
| <b>Flammability (solid, gas)</b>                    | Not available. |
| <b>Upper/lower flammability or explosive limits</b> |                |
| <b>Flammability limit - lower (%)</b>               | Not available. |
| <b>Flammability limit - upper (%)</b>               | Not available. |
| <b>Explosive limit - lower (%)</b>                  | Not available. |
| <b>Explosive limit - upper (%)</b>                  | Not available. |
| <b>Vapor pressure</b>                               | Not available. |
| <b>Vapor density</b>                                | Not available. |
| <b>Relative density</b>                             | Not available. |
| <b>Solubility(ies)</b>                              |                |
| <b>Solubility (water)</b>                           | Not available. |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available. |
| <b>Auto-ignition temperature</b>                    | Not available. |
| <b>Decomposition temperature</b>                    | Not available. |
| <b>Viscosity</b>                                    | Not available. |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | Not available.  |
| <b>Chemical stability</b>                 | Not available.  |
| <b>Possibility of hazardous reactions</b> | Not available.  |
| <b>Conditions to avoid</b>                | Not available.  |
| <b>Incompatible materials</b>             | Incompatibility is based strictly upon potential theoretical reactions between chemicals and may not be specific to industrial application exposure. Contact your sales representative for clarification. |
| <b>Hazardous decomposition products</b>   | Not available.  |

## 11. Toxicological information

|   |                |
|---|----------------|
| <b>Information on likely routes of exposure</b>                                     |                |
| <b>Inhalation</b>   | Not available. |
| <b>Skin contact</b>   | Not available. |
| <b>Eye contact</b>  | Not available. |
| <b>Ingestion</b>  | Not available. |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Not available. |
| <b>Information on toxicological effects</b>   |                |
| <b>Acute toxicity</b>   | Not available. |

|  |                |
|--|----------------|
| <b>Skin corrosion/irritation</b>         | Not available. |
| <b>Serious eye damage/eye irritation</b> | Not available. |
| <b>Respiratory or skin sensitization</b> |                |
| <b>Respiratory sensitization</b>         | Not available. |
| <b>Skin sensitization</b>                | Not available. |
| <b>Germ cell mutagenicity</b>            | Not available. |

#### **Carcinogenicity**

##### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

|   |                |
|---|----------------|
| <b>Reproductive toxicity</b>                              | Not available. |
| <b>Specific target organ toxicity - single exposure</b>   | Not available. |
| <b>Specific target organ toxicity - repeated exposure</b> | Not available. |
| <b>Aspiration hazard</b>                                  | Not available. |

## **12. Ecological information**

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | No ecotoxicity data noted for the ingredient(s). |
| <b>Persistence and degradability</b> | Not available.                                   |
| <b>Bioaccumulative potential</b>     | Not available.                                   |
| <b>Mobility in soil</b>              | Not available.                                   |
| <b>Other adverse effects</b>         | Not available.                                   |

## **13. Disposal considerations**

|  |                |
|--|----------------|
| <b>Disposal instructions</b>                 | Not available. |
| <b>Hazardous waste code</b>                  | Not regulated. |
| <b>Waste from residues / unused products</b> | Not available. |
| <b>Contaminated packaging</b>                | Not available. |

## **14. Transport information**

### **DOT**

Not regulated as dangerous goods.

### **IATA**

Not regulated as dangerous goods.

### **IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## **15. Regulatory information**

**US federal regulations** All chemical substances in this product are listed on the TSCA chemical substance inventory where required.

### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

### **SARA 304 Emergency release notification**

Not regulated.

### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - No  
 Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

| Chemical name                 | CAS number | % by wt. |
|-------------------------------|------------|----------|
| Aluminium Oxide (Non-Fibrous) | 1344-28-1  | 40 - 60  |

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations****US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

**US. Massachusetts RTK - Substance List**

Aluminium Oxide (Non-Fibrous) (CAS 1344-28-1)

Magnesium Oxide (CAS 1309-48-4)

**US. New Jersey Worker and Community Right-to-Know Act**

Aluminium Oxide (Non-Fibrous) (CAS 1344-28-1)

Magnesium Oxide (CAS 1309-48-4)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Aluminium Oxide (Non-Fibrous) (CAS 1344-28-1)

Magnesium Oxide (CAS 1309-48-4)

**US. Rhode Island RTK**

Aluminium Oxide (Non-Fibrous) (CAS 1344-28-1)

**US. California Proposition 65**

Not Listed.

**International Inventories**

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| 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)  | Yes                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

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

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

**Issue date** 03-27-2015

Material name: FASTDRY 8 SP CASTABLE (2 COMPONENT)

934A Version #: 01 Issue date: 03-27-2015

SDS US

5 / 6

**Version #**

01

**Disclaimer**

Not available.