

# Material Safety Data Sheet

Material Name: POWERHOLD 6500

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

**Material Name:** POWERHOLD 6500

**Product Use:** Flooring Adhesive

### Supplier Information

Floor Covering Distributor Alliance (FCDA)

P.O. Box 7558

Fort Worth, TX 76111

Emergency # CHEM-TEL: 1-800-255-3924

or 1-813-248-0585 (Call Collect)

Non-Emergency Phone #: 1-724-203-8000 or (888) 512-7339



## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

CAUTION. Product is a smooth, off-white, paste. May cause eye, skin and respiratory irritation.

### Hazard Statements

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or dust. Wash thoroughly after handling. Keep container tightly closed. Use only with adequate ventilation.

### Potential Health Effects: Eyes

May cause irritation.

### Potential Health Effects: Skin

May cause irritation, especially if allowed to remain in contact with the skin for extended amounts of time or allowed to dry on the skin.

### Potential Health Effects: Ingestion

Ingestion is an unlikely route of industrial exposure, however, product may cause irritation to the gastrointestinal system if ingested.

### Potential Health Effects: Inhalation

Inhalation of fumes or dust from dried product may cause respiratory irritation.

### Medical Conditions Aggravated by Exposure

Pre-existing skin and lung conditions may be aggravated by exposure to the components of the product. See Section 11.

**HMIS Ratings: Health: 2 Fire: 1 Reactivity: 0 Pers. Prot.: D**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS	Component	Percent
64742-53-6	Petroleum distillates, hydrotreated light naphthenic	1-5
57-13-6	Urea	1-5

### Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Mineral oil, highly and severely refined.

### Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication). This product is a controlled product under the criteria specified in the Canadian Workplace Hazardous Materials Information System (WHMIS).

Trace impurities and additional material names not listed above may also appear in Section 15 toward the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

## \* \* \* Section 4 - First Aid Measures \* \* \*

### **First Aid: Eyes**

Immediately flush eyes with large amounts of water, including under the eyelids, for 15-30 minutes. Obtain medical attention if irritation develops or persists.

### **First Aid: Skin**

In case of contact, immediately flush skin with plenty of water. Wash with mild soap if needed to completely remove material. Obtain medical attention if irritation develops or persists.

### **First Aid: Ingestion**

Call a physician if symptoms occur or if large amounts of this material are swallowed. Do not induce vomiting. Never give anything by mouth to an unconscious person.

### **First Aid: Inhalation**

If inhaled, immediately remove the affected person to fresh air. If not breathing, have qualified personnel give artificial respiration and seek medical attention immediately.

## \* \* \* Section 5 - Fire Fighting Measures \* \* \*

### **General Fire Hazards**

See Section 9 for Flammability Properties.  
Slight fire hazard.

### **Hazardous Combustion Products**

Hazardous combustion products may include carbon monoxide, carbon dioxide and hydrocarbon fragments.

### **Extinguishing Media**

Media to use includes carbon dioxide, regular dry chemical, regular foam, or water spray.

### **Unsuitable Extinguishing Media**

Do not use high-pressure water streams.

### **Fire Fighting Equipment/Instructions**

Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

**NFPA Ratings: Health: 2 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \* \* \* Section 6 - Accidental Release Measures \* \* \*

### **Personal Precautions**

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or dust. Wash thoroughly after handling. Keep container tightly closed. Use only with adequate ventilation.

### **Containment Procedures**

Contain spill with inert material. Block any potential routes to water systems.

### **Environmental Precautions**

No information is available for the product. Based on component information, material is not expected to be harmful to the environment.

### **Clean-Up Procedures**

Ventilate the contaminated area. Collect spilled material. Place in properly labeled closed container. Thoroughly wash the area with water after a spill or leak clean-up. Do not allow the spilled product to enter public drainage system or open water courses. Wash clothing and equipment after handling.

### **Evacuation Procedures**

Isolate area. Keep unnecessary personnel away.

**\*\*\* Section 7 - Handling and Storage \*\*\***

### Handling Procedures

Observe normal hygiene standards. Avoid contact with skin and eyes. Avoid prolonged or repeated skin contact with this material. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Clean contaminated clothing before reuse.

### Storage Procedures

Store in a cool, dry, well-ventilated area. Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Keep away from incompatible materials.

**\*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\***

### Component Exposure Limits

Consult local authorities for acceptable exposure limits.

#### Petroleum distillates, hydrotreated light naphthenic (64742-53-6)

**ACGIH:** 5 mg/m<sup>3</sup> TWA (excluding metal working fluids, inhalable fraction, related to Mineral oil, highly and severely refined)

**Manitoba:** 5 mg/m<sup>3</sup> TWA (excluding metal working fluids, inhalable fraction, related to Mineral oil, highly and severely refined)

**Nova Scotia:** 5 mg/m<sup>3</sup> TWA (except metal working fluids, inhalable fraction, related to Mineral oil, highly and severely refined)

### Engineering Controls

Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields.

#### Personal Protective Equipment: Skin

Wear impervious gloves.

#### Personal Protective Equipment: Respiratory

If concentrations exceed exposure limits, wear a NIOSH approved air purifying respirator with appropriate chemical cartridges or a positive-pressure, air supplied respirator. Respirators should be selected by and used under the direction of a trained health and safety professional following the requirements in OSHA's respirator standard (20 CFR 1901.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit-testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage, must be implemented.

#### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended. Use good industrial hygiene practices in handling this material.

**\*\*\* Section 9 - Physical & Chemical Properties \*\*\***

<b>Appearance:</b>	Smooth off-white paste	<b>Odor:</b>	Mild
<b>Physical State:</b>	Solid	<b>pH:</b>	8.4-8.8
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Boiling Point:</b>	Not available	<b>Melting Point:</b>	Not available
<b>Solubility in Water:</b>	Not available	<b>Specific Gravity:</b>	1.03
<b>Density:</b>	8.6 lb/gal	<b>Flash Point:</b>	Water-based
<b>Flash Point Method:</b>	Not available	<b>Lower Flammability Limit:</b>	Not available
<b>Auto Ignition:</b>	Not available	<b>Upper Flammability Limit:</b>	Not available
<b>Sensit. to Mech. Impact:</b>	No	<b>Sensit. to Static Discharge:</b>	No
<b>Decomposition Temperature:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Viscosity:</b>	Not available	<b>Percent Volatile:</b>	37.5-39.5
<b>VOC:</b>	0 g/L	<b>Coeff. of Water/Oil Dist.:</b>	Not available

**\*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\***

**Chemical Stability**

Stable at normal temperatures and pressure.

**Conditions to Avoid**

Keep away from heat, ignition sources and incompatible materials.

**Incompatibility**

May be incompatible with strong oxidizing materials.

**Hazardous Decomposition**

Hazardous combustion products may include carbon monoxide, carbon dioxide and hydrocarbon fragments.

**Possibility of Hazardous Reactions**

Will not occur under normal conditions.

**\*\*\* Section 11 - Toxicological Information \*\*\***

**Acute Dose Effects**

May cause eye, skin or respiratory irritation.

**Component Analysis - LD50/LC50**

**Petroleum distillates, hydrotreated light naphthenic (64742-53-6)**

Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

**Urea (57-13-6)**

Oral LD50 Rat 8471 mg/kg

**Repeated Dose Effects**

Prolonged or repeated contact may cause eye irritation, skin irritation, and respiratory tract irritation.

**Irritation**

Contains component(s) which may cause irritation.

**Carcinogenicity**

No information available for the product.

**Component Carcinogenicity**

**Petroleum distillates, hydrotreated light naphthenic (64742-53-6)**

**ACGIH:** A4 - Not Classifiable as a Human Carcinogen (related to Mineral oil, highly and severely refined)

**IARC:** Supplement 7 [1987]; Monograph 33 [1984] (Group 3 (not classifiable), related to Mineral oil, highly and severely refined)

**\*\*\* Section 12 - Ecological Information \*\*\***

**Ecotoxicity**

No information is available for the product. Based on component information, material is not expected to be harmful to the environment.

**Component Analysis - Ecotoxicity - Aquatic Toxicity**

**Petroleum distillates, hydrotreated light naphthenic (64742-53-6)**

**Test & Species**

96 Hr LC50 Oncorhynchus mykiss

48 Hr EC50 Daphnia magna

**Results & Conditions**

>5000 mg/L

>1000 mg/L

**Urea (57-13-6)**

**Test & Species**

96 Hr LC50 Poecilia reticulata

24 Hr EC50 Daphnia magna Straus

48 Hr EC50 Daphnia magna

**Results & Conditions**

16200-18300 mg/L

>10000 mg/L

3910 mg/L [Static]

**Persistence & Degradability**

No information available for the product.

## Bioaccumulation & Accumulation

No information available for the product.

## Mobility in Environmental Media

No information available for the product.

# \* \* \* Section 13 - Disposal Considerations \* \* \*

## US EPA Waste Number & Descriptions

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. You must test your waste using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

## Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

## Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations. In case of large spills, follow all facility Emergency Response Procedures. Do not allow this material to drain into sewers/water supplies.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

# \* \* \* Section 14 - Transportation Information \* \* \*

## US DOT Information

Not regulated as a hazardous material.

## TDG Information

Not regulated as dangerous goods.

# \* \* \* Section 15 - Regulatory Information \* \* \*

## US Federal Regulations

No information available for the product.

## Component Analysis

This material does not contain chemicals above the de minimus amount that are required to be identified under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4) and/or TSCA 12(b).

## SARA 311/312 Hazardous Categories (40 CFR 370 Subparts B and C)

**Acute Health:** Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

## State Regulations

No information available for the product.

## Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	No	Yes	No	No	No	No
Urea	57-13-6	No	No	Yes	No	No	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

## Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

WHMIS Classification: D2B

### Additional Regulatory Information

All the components of this substance are listed on or are exempt from the inventories.

### Component Analysis - Inventory

Component	CAS #	TSCA	CAN
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	Yes	DSL
Urea	57-13-6	Yes	DSL

<b>*** Section 16 - Other Information ***</b>
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### MSDS History

New MSDS: 06/14/2011

### Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; DSL = Domestic Substances List; EINECS = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; mg/Kg = milligrams per Kilogram; mg/L = milligrams per Liter; mg/m3 = milligrams per Cubic Meter; MSHA = Mine Safety and Health Administration; NA = Not Applicable or Not Available; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; TDG = Transport Dangerous Goods; TSCA = Toxic Substances Control Act; WHMIS = Workplace Hazardous Materials Information System.

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