

Material Safety Data Sheet: Powerhold Invisinail 949

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Date: July, 2015

Section 1 – General Information

Product Description: **Single Component Urethane Adhesive**
Product Name: **Powerhold Invisinail**
Company Name: **Powerhold**
Contact Number: **www.powerhold.net**

Section 2 – Composition and Ingredients

Component	CAS Number	Weight Percent	OSHA (PEL)	ACGIH (TLV-TWA)
Diphenylmethane diisocyanate	101-68-8	<5%	0.02	0.005 ppm
Calcium Carbonate	1317-65-3	35% - 45%	15 mg/m ³	10 mg/m ³

Section 3 – Hazard Identification

Product reacts with water to release small amounts of carbon dioxide. Product is a skin and eye irritant. Product contains small amounts of MDI isocyanate and small amounts of mineral spirits. KEEP OUT OF THE REACH OF CHILDREN.

Vapors are minimal at room temperature. Respiratory sensitization can occur due to residual MDI content.

Section 4 – Emergency and First Aid Procedures

Eyes: Flush with large amounts of cool water for at least 15 minutes while holding eyelid open. Seek medical attention.

Skin: Remove contaminated clothing. Wash area of contamination with soap and water. If rash or irritation or other symptoms persist, seek medical attention.

Inhalation: Remove to fresh air. If breathing has stopped initiate artificial respiration and obtain immediate medical attention.

Ingestion: Do not induce vomiting. Do not give anything by mouth. Seek immediate medical attention.

Section 5 – Fire Fighting Measures

Flash Point: >200 F

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media:

Dry chemical, foams or water spray, carbon dioxide.

Fire Fighting Procedures:

Use self contained breathing apparatus and protective clothing.

Fire and Explosion Products:

Combustion of this product may yield irritating or toxic gases.

HMIS (Hazard Materials Identification System) Rating:

Health – 1 Fire – 1 Reactivity – 0 Protection - B

Carcinogenicity: OSHA – NO / NTP – NO / IARC – NO

Likely Route of Entry into Body: Skin contact.

Contact:

May cause irritation to skin on direct contact which may result in a rash or reddening. May also cause skin sensitization and / or dermatitis.

Ingestion: May cause irritation, discomfort and vomiting. Do not induce vomiting. Seek immediate medical attention.

Inhalation:

Risk of inhalation hazard is minimal. If it is perceived that inhalation may be causing irritation, remove to fresh air. If any form of irritation, dizziness or other effect persists, seek medical attention.

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Medical Conditions which May be Aggravated by Overexposure:

Preexisting skin and respiratory conditions. Previously sensitized individuals may have allergic reactions.

Section 6 – Accidental Release Measures

Spill or Leak Clean Up Procedures:

While utilizing correct protective equipment, place spilled material into an appropriate container.

Waste Disposal:

Dispose of material in accordance with local, state and federal regulations.

Section 7 - Handling and Storage:

Store this product in a cool dry area, out of direct sunlight. Store in a well ventilated area away from all sources of ignition. Avoid contact with skin and eyes.

Section 8 – Exposure Controls and Personal Protection

Ventilation:

Use in well ventilated areas only to maintain PEL / TLV levels below set exposure limits.

Respiratory Protection:

Due to the low V.O.C. nature of this product, respiratory protection is not normally required. However, if PEL / TLV levels may potentially be exceeded, use NIOSH / MSHA approved respirator.

Eye Protection:

Wear safety glasses or goggles as necessary to protect eyes.

Skin Contact:

Protective gloves are recommended in situations when direct skin contact is unavoidable (nitrile, rubber or better).

Other Protective Equipment:

Use other types of equipment as needed to help minimize contact.

Section 9 – Physical and Chemical Properties

Appearance and Odor: Beige / creamy liquid / low odor

Solubility in Water: Insoluble

Evaporation Rate (Compared to Butyl Acetate as 1.0): <1.0

Boiling Point: >300F

pH: N/A

Vapor Density (Air = 1.0): >1.0

Volatile Organic Content: <50.0 g/l

Vapor Pressure: <1 mm Hg @ 75F / 24C

Freezing Point: N/E

Section 10 – Stability and Reactivity

Stability:

Stable.

Conditions to Avoid:

Exposure to water will cure material. Long term exposure to elevated temperatures will increase viscosity of material.

Materials to Avoid Contact with:

Alcohols, acids, amines, water.

Hazardous Decomposition products:

Oxides of nitrogen and carbon, hydrocarbons, hydrogen cyanide.

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Section 11 – Toxicological Information

Detrimental health effects are not expected as long as correct industrial hygiene and safety protocols are followed.

Section 12 – Ecological Information

This formulation has not been tested for environmental impacts.

Section 13 – Disposal Considerations

Dispose of material in accordance with local, state and federal regulations.

Section 14 – Transportation Information

DOT: Not regulated as a hazardous material.

UN: Not regulated as a hazardous material.

Section 15 – Regulatory Information

Contains	CAS Number	Percent
Diphenylmethane diisocyanate	101-68-8	<5%

TSCA: All components in this product are listed except where written as exempt.

Pennsylvania: Hazardous component at 1% or greater: Mineral spirits. Non-hazardous at 3% or greater: reacted urethane prepolymer.

New Jersey: Reacted urethane prepolymer, mineral spirits (CAS 8052-41-3), Diphenylmethane diisocyanate (CAS 101-68-8).

Section 16 – Disclaimer

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