

# Safety Data Sheet

Complies with OSHA Communication Standard  
29 CFR 1910.1200

**Product Name on Label** **BD-Zorb**

## I. Supplier's Information

Duda Energy, LLC  
1112 Brooks St  
Decatur, AL 35601 USA

Telephone: 256.340.4866

Emergency Phone# 800.255.3924 Chemtel

### Manufacturers Hazard Rating

Toxicity – 1      Fire – 2      Reactivity – 0      Special – 0

### Hazard Rating Scale

Extreme=4      High=3      Moderate=2      Slight=1      Insignificant=0

## I. Ingredients and Identity Information

Components	%	OSHA		ACGIH TLV	
		PEL	STEL	TLV	TLV STEL
Hardwood Wood Dust	88	15 mg/m <sup>3</sup> total dust <hr/> 5mg/m <sup>3</sup> respirable fraction as a nuisance dust	6 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA	N/A
Sulfonated styrene-divinylbenzene copolymer	11-12	N/A	N/A	N/A	N/A
Water	<1	N/A	N/A	N/A	N/A

## II. Physical/Chemical Characteristics

Appearance and odor	Tan particles with amber to black spherical beads with no odor		
Melting point	N/A	Vapor pressure (mm/Hg)	N/A
Vapor Density	N/A	Evaporation Rate	N/A
Melting point	N/A	Vapor pressure (mm/Hg)	N/A

## III. Fire and Explosion Hazard Data

NFPA Fire Hazard Class	1	Flash Point (Deg. C)	N/A
Auto Ignition Temperature (Deg. F)	400 to 500		
Flammable Limits	Lower 40.0 m/m <sup>3</sup>	Conditions of Flammability	Concentrated dust clouds
Extinguishing Media	Water Fog		

Special Fire Fighting Procedures	Wear MSHA/NIOSH approved, pressure demand, self contained breathing apparatus
Unusual Fire and Explosion Hazards	Wood dusts may form explosive mixtures with air in the presence of an ignition source

#### IV. Reactivity Data

NFPA Reactivity Rating	1		
Conditions to avoid	Temperatures above 300 degrees F		
Stability	Stable	Hazardous Polymerization	None
Extinguishing Media	CO2, Dry Chemical, Water Fog		
Incompatibility	Avoid strong oxidizing agents and concentrated nitric acid		
Hazardous decomposition by-products	Styrene monomer, divinylbenzene, CO, CO2, SO2 and SO3		

#### V. Health Hazard Data

NFPA Health Hazard	1	Exposure Limits	ND	Mutagenicity	ND
Carcinogenicity	ND	Reproductive Toxicity	ND	Teratogenicity	ND
Irritancy of Product	Eyes and Skin		OSHA Regulated?	N/A	
Effect of acute exposure	Can produce mechanical irritation of eyes				
Emergency and First Aid Procedures	Flush eyes and skin with copious quantities of water for 15 minutes. If irritation persists, see a physician				

#### VI. Precautions for Safe Handling and Use

Precautions in case of spill or release	Product will cause a slip hazard on hard surfaces. Sweep up immediately for re-use or disposal
Precautions for handling and storage	Keep containers sealed to avoid exposure to humidity and water. Expansion of product could cause containers to burst. Store in cool dry area (above 32 degrees F and below 120 degrees F).
Special Precautions for handling and storage	Avoid contact with Nitric acid and strong oxidizing agents.
Waste Disposal method	As supplied, new and used product is not considered as hazardous waste. However, during use material may absorb methanol, glycerin and methyl ester. Do not compost the spent material due to the possibility of auto-ignition.

## VII. Control Measures

Personal Protective Equipment	Wear impervious gloves and splash goggles when handling
Other Protective Clothing or Equipment	Wear trousers and long sleeve shirts to avoid skin exposure.
Work and Hygienic Practices	Flush product from hands with soapy water. Clean up all spilled product immediately to avoid slip hazards
Precautions during application of product	Provide adequate ventilation to avoid concentrations of dust. Concentrated dust can cause explosion.

## VIII. Regulatory Information and References

Section 302 Reporting if above	None
Section 304 Reporting if above	None
Section 313 Reporting required	No
CERCLA reporting required if above	None
RCRA reporting required	No
Canadian WHMIS Classification	Other
D.O.T. Hazard Name	Not required by D.O.T.
D.O.T. ID Number	N/A
D.O.T. Hazard Class	N/A

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