



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-160-05

Product Name: Essix Die Stone

Release Date: April 18, 2007

1. Product and Company Identification

Trade Name & Synonyms Essix stone	MSDS Code Number Refer to part number
Chemical Name NA. Formula: Mixtures	Manufacture / Distributor GAC International Inc.
C.A.S. Number Not assigned	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	OSHA-PEL Milligrams per cubic meter	ACGIH-TLV, 1991	C.A.S. Number	Exposure Limits	%
Nuisance dusts (total)	15	10	NA	NA	NA
Nuisance dusts(respirable)	5	5	NA	NA	NA

3. Hazard Identification

Emergency Overview NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Effects of overexposure: May cause dryness and / or irritation.	NA	NA	NA	NA
Skin	Effects of over exposure: May cause irritation.	NA	NA	NA	NA
Inhalation	Effects of over exposure: Inhalation of excessive dust over a prolonged period can result in lung damage.	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	Threshold limit value: Not established for this mixture. Whip mix recommends 5 mg/m ³ to control dust exposures.	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush eyes with water for 15 minutes.	NA	NA
Skin	Wash skin.	NA	NA
Inhalation	NA	NA	NA
Ingestion	NA	NA	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other This material poses no fire or explosion hazard.
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- , Flammability- , Reactivity- NA	
Extinguishing Media NA		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters NA			
Unusual Fire and Explosion Hazards NA			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Vacuum; avoid creating dust. Avoid washing down drains as material plugs drains.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings (°C / °F). NA

8. Exposure Control/Personal Protection

Ventilation NA	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	NA	NA
Skin	NA	NA
Inhalation	Use appropriate NIOSH approved respirator to avoid exposure above the recommended limits.	
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Special precautions: Minimize dust generation at all times.		



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9. Physical and Chemical Characteristics

Appearance Odorless powder		Odor Odorless powder	
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		Boiling Point °C / °F NA Melting Point °C / °F NA Freezing Point °C / °F NA	
Specific Gravity or Density (H₂O=1) Approximately 3	Solubility in Water Only slightly	pH NA	
Vapor Pressure (mm Hg @ 20°C) NA	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA	
Other NA			

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) None known.	
Hazardous Products Produced During Decomposition None. Basically stable, may solidify if contacted by water.	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input type="checkbox"/> May Not Occur NA	Conditions to Avoid °C / °F NA
Stability? <input type="checkbox"/> Stable <input type="checkbox"/> Unstable NA	Conditions to Avoid °C / °F NA

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA

13. Disposal Considerations

Regulations Waste disposal method: No special treatment required.
Properties (Physical/Chemical) Affecting Disposal NA

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No NA	Proper Shipping Name Essix die stone	Packing Group NA	
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No NA	Hazard Class NA	Identification Number NA	
Other NA			



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15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 25/25

Supplier Release: NA

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.