

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Imperial Limestone Products

S-4, S-6, S-325, S-200

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's name

J. A. Jack & Sons, Inc.

Address (Number, Street, City, State and ZIP Code)

5427 Ohio Ave., South

Seattle, Washington 98134

Emergency Telephone Number

206-762-7622

Telephone Number for Information

206-762-7622

Date Prepared 8/15/04

Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

Limestone (CaCO3) is not considered a hazardous material.

May contain crystalline silica, quartz (impurity)

>.1%

**Section III—Physical/Chemical Characteristics**

Boiling Point

N/A

Specific Gravity (H2O = 1)

2.7 - 2.9

Vapor Pressure (mm Hg)

N/A

Melting Point oxidizes before melting point

Vapor Density (AIR = 1)

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water 1.3 @ 20 degrees C

Appearance and Odor white to gray powder

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) Non-combustible

Flammable Limits

LEL

UEL

Extinguishing Media Any

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards None

OSHA 174 Sept. 1985

(Reproduce locally)

**Section V—Reactivity Data**

Stability 1  Stable under normal conditions	Unstable		Conditions to Avoid	None, other than strong acids.
	Stable X			
Incompatibility (Materials to Avoid)		Strong acids.		

**Hazardous Decomposition or Byproducts**

Hazardous Polymerization	None	May Occur		Conditions to Avoid	None.
		Will Not Occur X			

**Section VI—Health Hazard Data**

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
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**Health Hazards (Acute and Chronic)**

Dust may cause mechanical irritation to eyes and skin. Causes respiratory tract irritation if inhaled.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
This product contains greater than and as A2 suspected human	0.1% crystalline silica which is listed carcinogen by ACGTH.	as a Group 1 carcinogen by IARC, a	known carcinogen by NTP, OSHA

Signs and Symptoms of Exposure	Dust may cause mechanical irritation to eyes and skin. Causes respiratory tract irritation if inhaled.
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Medical Conditions Generally Aggravated by Exposure	May aggravate existing respiratory irritation.
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Emergency and First Aid Procedures	Eye contact - flush eyes with a steady, gentle stream of water for several minutes.
	Skin contact - wash with soap and water. Ingestion - rinse mouth with water.

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled	This product does not present any particular risk to the environment.
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Waste Disposal Method	Dispose of in accordance with local, state and national regulations.
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Precautions to Be Taken in Handling and Storing	Store in dry area and protect packages from physical damage.
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Other Precautions	Avoid nuisance dust formation.
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**Section VII—Control Measures**

Respiratory Protection (Specify Type)	In case of exposure to high levels of airborne dust, wear a personal respirator to counter nuisance dust.
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Ventilation	Local Exhaust	Provide appropriate exhaust ventilation at places where dust is formed.	Special
	Mechanical (General)		Other

Protective Gloves	Not required.	Eye Protection	Safety glass with side shields.
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Other Protective Clothing or Equipment	None required, other than for protection from nuisance dust.
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Work/Hygienic Practices	Handle in accordance with good industrial hygiene and safety practices.
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