



MATERIAL SAFETY DATA SHEET



PRODUCT INFORMATION FOR: Lumin'Ice Basic Paint

USE: ICE PAINT (Industrial use only)

CATALOG NUMBER: 62.90110

1. Supplier's Name: BECKER ARENA PRODUCTS, INC.

Street Address: 6611 West Highway 13

Town: Savage

Postal Code: 55378

Telephone No.: 952-890-2690

24 Hr. Chemical Emergency Telephone: 800-234-5522

2. HAZARDOUS INGREDIENTS

Hazardous Ingredient	%	CAS Number	LD ₅₀	LC ₅₀	TLV ¹
Limestone *	100	1317-65-3	6450 mg/kg	N.Av.	10 mg/m3
* Silica, quartz, mg/m3Bound in limestone	<2	14808-60-7	N.Av.	N.Av.	0.1

This is not a hazardous product and is not classified under the Controlled Products Regulations

3. PHYSICAL DATA

Physical state:	Solid
Odor and appearance:	odorless, white powder
Odor threshold:	N.Ap.
Specific gravity:	approx. 2.7
Vapor pressure:	N.Ap.
Vapor density:	N.Ap.
Evaporation rate:	N.Ap.
Boiling point [°C]:	decomposes at 825 - 900

Freezing point [°C]: N.Ap.
pH: 9 (saturated solution)
Coefficient of water/oil distribution: N.Ap.

4. FIRE AND EXPLOSION HAZARD

Flammability: Not flammable or combustible
Means of extinction: Carbon dioxide, dry chemical, foam
Flash point [°C] and method: N.Ap.
Upper flammable limit [% by volume]: N.Ap.
Lower flammable limit [% by volume]: N.Ap.
Auto-ignition temperature [°C]: N.Av.
Hazardous combustion products: None

Explosion data:

- a. Sensitivity to impact: Not sensitive.
- b. Sensitivity to static discharge: Not sensitive.

5. REACTIVITY DATA

Chemically stable: Product is stable
Incompatibility with other substances: Acids.
Hazardous decomposition products: None.
Conditions Polymerization: Does not occur

6. TOXICOLOGICAL PROPERTIES.

Route of entry -

Skin contact: May cause moderate irritation to susceptible people.
Skin Absorption: N.Ap.
Eye contact: May cause eye irritation
Inhalation: Can cause irritation to the respiratory tract.
Ingestion: May cause gastrointestinal irritation.

Irritancy of product:	Refer to Route of Entry information
Sensitization of product:	N.Av.
Carcinogenicity of product:	N.Av.
Teratogenicity of product:	N.Av.
Mutagenicity of product:	N.Av.
Reproductive toxicity:	N.Av.
Synergistic products:	N.Av.
Effects of acute exposure:	N.Av.
Effects of chronic exposure:	N.Av.

7. PREVENTIVE MEASURES

Personal protective equipment -Gloves: Rubber

RespiratorY:	Should not be required. Persons with asthmatic or bronchial problems can use a NIOSH approved\respiratorY,
Eye:	safety glasses
Footwear:	as required by the work situation
Clothing:	as required by the work situation
Other:	eye bath
Engineering controls:	No special requirements other than good industrial practice ventilation
Leak and spill procedures:	Normal clean up. It may be desirable to wet down to prevent nuisance dust.
Waste disposal:	Can be sent to landfill.
Handling procedures and equipment:	No special requirements.
Storage requirements:	Store away from acids.
Specific shipping information:	Not regulated under US Title 49 or CFR Canadian

8. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If necessary apply artificial respiration. If there is any breathing discomfort seek medical attention.
Skin contact:	No adverse effects expected – area can be washed thoroughly with soap and water. Never use solvents on the skin. If any irritation develops and persists seek medical attention.
Eye contact:	Holding eyelids well apart, flush with copious amounts of water for at least 15 minutes. If any irritation develops and persists seek medical attention.
Ingestion:	Product is not toxic, but if there is any gastrointestinal discomfort, seek medical attention. Never give anything by mouth to someone who is unconscious.

9. PREPARATION OF THE MATERIAL SAFETY DATA SHEET

Prepared by:	Laurie Preston, Vice President, Becker Arena Products, Inc.
Telephone number:	952-890-2690
Date of preparation:	July 7, 2010

10. REGULATORY INFORMATION

TSCA: This product primarily is natural calcium carbonate from limestone ore which is listed on the U.S. EPA TSCA inventory under Limestone, CAS# 1317-65-3. In addition, all other ingredients and/or processing aids are also on the TSCA inventory.

DSL: By virtue of its status as a “substance occurring in nature”, ground limestone is considered to be on the Canadian Domestic Substances List. In addition, all other ingredients and/or processing aids are also on the DSL.

CONEG: Being derived from limestone ore, this product may contain incidental trace levels of naturally occurring metals. However, no metals are intentionally added and this product complies with the CONEG requirement of <100 ppm of Cd, Cr+6, Pb, and Hg.

ODC's: This product does not contain, nor is it manufactured with, any U.S. EPA-defined Class I or Class II ozone-depleting chemicals.

FDA: This product may be used as an indirect food additive in food packaging applications under 21 CFR (FDA) 174.5, 175.300, and 178.3297. It does not qualify as a substance permitted for direct addition to human food or animal feed.

Hazardous Materials Identification System: Category Rating

Health 1*

Flammability 0

Physical Hazard 0

WHMIS SYMBOL THAT SHOULD APPEAR ON THE WARNING LABEL FOR THIS

PRODUCT: Not required, not a controlled product

11. NOTES

N.Ap. Not Applicable (reference: Controlled Products Regulations, *Information to be Disclosed on the Material Safety Data Sheet § 12. (6)*)

N.Av. Not Available (reference: Controlled Products Regulations, *Information to be Disclosed on the Material Safety Data Sheet § 12. (6)*)

LD50 Lethal Dose that kill 50% of the test animals in milligrams per kilogram (mg/m³) of body weight of the test animals.

LC50 Lethal Concentration in air in parts per million (ppm) or milligrams per cubic meter (mg/m³) that kills 50% of the test animals.

NIOSH National Institute for Occupational Health and Safety (US)

TLV[®] Threshold Limit Value – American Conference of Governmental Industrial Hygienists (ACGIH[®])