

**EUCOLASTIC 1NS - LIMESTONE 30/10.1 oz CS**

Version 1.0
REVISION DATE: 11/21/2013

Print Date 12/27/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : EUCOLASTIC 1NS - LIMESTONE 30/10.1 oz CS

Product code : 274B 95

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Sealant

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Light Gray. Non-sag gunnable paste. May cause nausea, headaches, and dizziness. May cause allergic respiratory sensitization. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause nausea, headaches, and dizziness. May cause allergic respiratory sensitization.

Eyes : Direct contact may cause mild irritation.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Prolonged or repeated exposure to butyl benzyl phthalate may cause reduced body weights and adverse effects on the liver, kidney, spleen, pancreas, and reproductive organs. Organosilane may cause liver injury with fibrosis after repeated and prolonged overexposure. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Lung

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Calcium carbonate	471-34-1	30.0 - 60.0
Polyurethane Polymer	NJ TSRN# 51721300-5401P	15.0 - 40.0
Butyl benzyl phthalate	85-68-7	15.0 - 40.0

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Calcium Carbonate (Limestone)	1317-65-3	7.0 - 13.0
Diisodecyl phthalate	26761-40-0	3.0 - 7.0
Calcium oxide	1305-78-8	1.0 - 5.0
Titanium dioxide	13463-67-7	1.0 - 5.0
Hydrotreated heavy naphthenic distillate	64742-52-5	0.1 - 1.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation	:	Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact	:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact	:	Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	:	Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point	:	Not available.
Method	:	Not available.
Lower explosion limit	:	Not available.
Upper explosion limit	:	Not available.
Autoignition temperature	:	Not available.
Extinguishing media	:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products	:	Carbon monoxide and carbon dioxide can form. Hydrocyanic acid and nitrogen oxides can form.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not store or use near food. Store under dry warehouse conditions away from heat and all ignition sources.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Wear impervious gloves, such as nitrile or neoprene and suitable protective apparel..
- Eye protection : Wear appropriate eye protection. Use safety glasses if eye contact is likely.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : Use general ventilation and/ or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Calcium Carbonate (Limestone)	1317-65-3	OSHA PEL: OSHA PEL: ACGIH TWA: ACGIH TWA: OSHA TWA: OSHA TWA:	5 mg/m3 15 mg/m3 3 mg/m3 10 mg/m3 15 mg/m3 5 mg/m3	Respirable fraction. Total dust. Respirable particles. Inhalable particles. Total dust. Respirable fraction.
Calcium oxide	1305-78-8	ACGIH TWA: OSHA PEL: OSHA TWA: OSHA TWA:	2 mg/m3 5 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Titanium dioxide	13463-67-7	ACGIH TWA: OSHA PEL: OSHA TWA: OSHA TWA:	10 mg/m3 15 mg/m3 15 mg/m3 5 mg/m3	Total dust. Total dust. Respirable fraction.
Hydrotreated heavy naphthenic distillate	64742-52-5	OSHA PEL: OSHA PEL: ACGIH TWA:	2,000 mg/m3 5 mg/m3 5 mg/m3	Mist. Inhalable fraction.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form : Non-sag gunnable paste
- Color : Light Gray
- Odor : Petroleum Solvent
- pH : Not available.
- Vapour pressure : Not available.

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Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Insoluble
Specific Gravity	: 1.454
% Volatile Weight	: 0.3 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid	: Amines.Water or moisture.Alcohols.Strong acids.Strong bases.
Stability	: Stable
Hazardous polymerization	: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Calcium carbonate, CAS-No.: 471-34-1	
Acute oral toxicity (LD-50 oral)	6,450 mg/kg (Rat)
Butyl benzyl phthalate, CAS-No.: 85-68-7	
Acute oral toxicity (LD-50 oral)	13,500 mg/kg (Rat)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method	: Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.
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SECTION 14 - TRANSPORTATION / SHIPPING DATA**CFR / DOT:**

Not Regulated

TDG:

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IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard

OSHA Hazardous Components :

Butyl benzyl phthalate	85-68-7
Calcium Carbonate (Limestone)	1317-65-3
Diisodecyl phthalate	26761-40-0
Calcium oxide	1305-78-8
Titanium dioxide	13463-67-7
Hydrotreated heavy naphthenic distillate	64742-52-5

OSHA Status: Considered : Irritant
hazardous based on the Carcinogen
following criteria:

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 6 g/l
exempt solvent)

VOC Method 310 : 0.38 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:

Hydrotreated heavy naphthenic distillate 64742-52-5

U.S. State Regulations:

MASS RTK Components	Calcium carbonate	471-34-1
	Butyl benzyl phthalate	85-68-7
	Calcium Carbonate (Limestone)	1317-65-3
	Calcium oxide	1305-78-8
	Titanium dioxide	13463-67-7

Penn RTK Components	Calcium carbonate	471-34-1
	Polyurethane Polymer	NJ TSRN# 51721300-5401P
	Butyl benzyl phthalate	85-68-7
	Calcium Carbonate (Limestone)	1317-65-3
	Diisodecyl phthalate	26761-40-0
	Calcium oxide	1305-78-8
	Titanium dioxide	13463-67-7

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NJ RTK Components	:	Calcium carbonate	471-34-1
		Polyurethane Polymer	NJ TSRN# 51721300-5401P
		Butyl benzyl phthalate	85-68-7
		Calcium Carbonate (Limestone)	1317-65-3
		Diisodecyl phthalate	26761-40-0
		Calcium oxide	1305-78-8
		Titanium dioxide	13463-67-7
		Hydrotreated heavy naphthenic distillate	64742-52-5

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

SECTION 16 - OTHER INFORMATION**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol**Legend**

ACGIH - American Conference of Governmental Hygienists

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

RTK - Right To Know

SARA - Superfund Amendments and Reauthorization Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System