

PARASEAL LG

Version 2.0
REVISION DATE: 07/08/2012

Print Date 12/06/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : PARASEAL LG
 Product code : 512120 503

COMPANY : Tremco Incorporated
 3735 Green Road
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST
 After Hours: Chemtrec 1-800-424-9300

Product use : Waterproofing

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Gray. Solid ply rolls. Not applicable under normal conditions of use. Generally not required under normal conditions of use.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Not applicable under normal conditions of use.
 Eyes : Not applicable under normal conditions of use.
 Ingestion : Not applicable under normal conditions of use.
 Skin : May cause mild irritation.

Aggravated Medical Conditions

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

Chronic Health Effects

This product contains granular materials which may cause mechanical skin, eye or respiratory irritation. Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica.

Target Organs: Skin, Eye, Lung

SECTION 3 - PRODUCT COMPOSITION

| Chemical Name | CAS-No. | Weight % |
|--|------------|-------------|
| Bentonite | 1302-78-9 | > 60.0 |
| Water | 7732-18-5 | 10.0 - 30.0 |
| n-Butyl acrylate resin | 9003-49-0 | 3.0 - 7.0 |
| Crystalline Silica (Quartz)/ Silica Sand | 14808-60-7 | 1.0 - 5.0 |
| Silica (crystalline-cristobalite) | 14464-46-1 | - <1.0 |
| Silica (crystalline-tridymite) | 15468-32-3 | - <1.0 |

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SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Generally not required under normal conditions of use.
- Eye contact : Generally not required under normal conditions of use.
- Skin contact : Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Not applicable under normal conditions of use.
- Notes to physician : Not applicable.

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.
- Hazardous combustion products : Hydrogen sulfide and hydrocarbon fractions.
- 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

Scrape up and transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Store under normal warehouse conditions.

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

- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Use suitable impervious leather gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection.
- Skin and body protection : Not required.
- Protective measures : Other equipment not normally required.
- Engineering measures : General ventilation is sufficient.

Exposure Limits

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| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Regulation</u> | <u>Limit</u> | <u>Form</u> |
|---|-------------------|--|---|---|
| Bentonite | 1302-78-9 | ACGIH TWA: ACGIH TWA: OSHA PEL: OSHA PEL: OSHA TWA: OSHA TWA: | 3 mg/m3 10 mg/m3 15 mg/m3 5 mg/m3 15 mg/m3 5 mg/m3 | Respirable particles. Inhalable particles. Total dust. Respirable fraction. Total dust. Respirable fraction. |
| Crystalline Silica (Quartz)/ Silica Sand | 14808-60-7 | OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL: ACGIH TWA: | 0.1 mg/m3 0.3 mg/m3 15 mg/m3 5 mg/m3 0.025 mg/m3 | Respirable. Total dust. Total dust. Respirable fraction. Respirable fraction. |
| Silica (crystalline- cristobalite) | 14464-46-1 | OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL: ACGIH TWA: | 0.05 mg/m3 0.15 mg/m3 15 mg/m3 5 mg/m3 0.025 mg/m3 | Respirable. Total dust. Total dust. Respirable fraction. Respirable fraction. |
| Silica (crystalline- tridymite) | 15468-32-3 | ACGIH TWA: OSHA TWA: OSHA TWA: OSHA PEL: OSHA PEL: | 0.05 mg/m3 0.05 mg/m3 0.15 mg/m3 15 mg/m3 5 mg/m3 | Respirable fraction. Respirable. Total dust. Total dust. Respirable fraction. |

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------|-------------------|
| Form | : Solid ply rolls |
| Color | : Gray |
| Odor | : None |
| pH | : Not available. |
| Vapour pressure | : Not available. |
| Vapor density | : Not available. |
| Melting point/range | : Not available. |
| Freezing point | : Not available. |
| Boiling point/range | : Not available. |
| Water solubility | : Gels |
| Specific Gravity | : 1.7 |
| % Volatile Weight | : 0 % |

SECTION 10 - REACTIVITY / STABILITY

| | |
|--------------------------|---|
| Stability | : Material is stable under normal storage, handling, and use. |
| Hazardous polymerization | : Will not occur. |



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SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : As purchased, this product, when discarded, is not a listed or characteristic hazardous waste according to Federal regulations (40 CFR 261). Check local, regional, state or provincial regulations for applicable requirements for disposal. Any processing, using, alteration or chemical additions to the product, as purchased, may alter the disposal requirements. Under Federal regulations, it is the generator's responsibility to determine if a waste is a hazardous waste. Empty containers may retain product residue. Do not reuse.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

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 :



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

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 0 g/l
 exempt solvent)

VOC Method 310 : Not available.

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

Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
 Silica (crystalline-cristobalite) 14464-46-1
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U.S. State Regulations:

MASS RTK Components : Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

Penn RTK Components : Bentonite 1302-78-9
 Water 7732-18-5
 n-Butyl acrylate resin 9003-49-0
 Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

NJ RTK Components : Bentonite 1302-78-9
 Water 7732-18-5
 n-Butyl acrylate resin 9003-49-0
 Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
 Silica (crystalline-cristobalite) 14464-46-1
 Silica (crystalline-tridymite) 15468-32-3

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

HMIS Rating :

| | |
|--------------|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| PPE | |

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

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.

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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