

Section 1: Identification of the Substance/Mixture and of the Company Undertaking

Product identifier used on the label::

Product Name: BeakGuard

Other means of identification::

Recommended use of the chemical and restrictions on use::

Chemical manufacturer address and telephone number::

Manufacturer Name: Stuc-O-flex International, Inc

Manufacturer Address 1: 17635 NE 67th Court

Manufacturer City: Redmond

Manufacturer State: WA

Manufacturer Zip Code: 98052

Manufacturer Country: USA

Manufacturer Web: www.stucoflex.com

Business Phone: 800-305-1045

Customer Service Phone: 425-885-5085

Business Fax: 425-869-0107

Emergency phone number::

Emergency Phone: CHEMTREC 1-800-424-9300

Revision Date: 11/02/2015

Section 2: Hazards Identification

Classification of the chemical in accordance with CFR 1910.1200(d)(f)::

Hazards not otherwise classified that have been identified during the classification process::

Section 3: Composition/Information on Ingredients

Mixtures::

Ingredient Name	CAS Number	Ingredient Percent	EC Number	RTECS Number	Comments
Titanium dioxide	13463-67-7	10 - 15			
MICA	12001-26-2	5 - 10			
Propylene glycol	57-55-6	1 - 5			
Limestone	1317-65-3	1 - 5			
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	0.1 - 1.0			
Diphenyl Ketone	119-61-9	0.1 - 0.5			
Potassium Tripolyphos	13845-36-8	0.1 - 0.2			
Non hazardous	No data	2 - 3			
Acrylic polymer(s)	No data	20 - 30			
Water	7732-18-5	40 - 45			
Amorphous Silica	7631-86-9	0.5 - 1.0			

2,2,4-trimethyl-1,3-pentanediol monoiso-butyrate	25265-77-4	0.5 - 1.5			
Aluminum hydroxide	21645-51-2	0.1 - 0.5			
Cellulose, 2-hydroxypropyl methyl ether, retarded	9004-65-3	0.1 - 0.5			
Denatonium benzoate	3734-33-6	0.1 - 0.5			
Diuron	330-54-1	0.1 - 0.5			
Kaolin	1332-58-7	0.1 - 0.5			

Section 4: First Aid Measures

Description of necessary measures::

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers.,Remove contacts if present and easy to do.,Continue rinsing.,Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed::

Indication of immediate medical attention and special treatment needed:

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media:

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.

Specific hazards arising from the chemical:

Special protective equipment and precautions for fire-fighters:

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Health: 1

NFPA Fire: 1

NFPA Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Personnel Precautions: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.,Use proper personal protective equipment as listed in Section 8.

Methods and materials for containment and cleaning up:

Methods for containment: Contain spills with an inert absorbent material such as soil or sand.,Prevent

from spreading by covering, diking or other means.,Provide ventilation.

Methods for cleanup: Clean up spills immediately observing precautions in the protective equipment section.,Place into a suitable container for disposal.,Provide ventilation.,After removal, flush spill area with soap and water to remove trace residue.

Environmental Precautions:

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Section 7: Handling and Storage

Precautions for safe handling:

Handling: Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Conditions for safe storage, including any incompatibilities:

Storage: Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.

Section 8: Exposure Controls/Personal Protection

EXPOSURE GUIDELINES:

Exposure Guidelines - Ingredient Based:

Titanium dioxide:

ACGIH: "TLV-TWA: 10 mg/m³"

MICA:

ACGIH: "TLV-TWA: 3 mg/m³ (R)"

OSHA: "PEL-TWA: 20 mppcf "

Appropriate engineering controls:

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Individual protection measures:

Eye Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Viscous liquid
Color:	Various Colors.
Odor:	Slight latex odor
pH:	8.0 - 9.0
Melting Temperature:	No Data
Boiling Temperature:	212°F
Flash Point:	No Data
Lower Flammable Limit:	Not applicable.
Upper Flammable Limit:	Not applicable.
Vapor Pressure:	No Data
Vapor Density:	No Data
Density:	10.0 - 10.8
Solubility:	Water thinnable
Specific Gravity:	1.20 - 1.30
Evaporation Rate:	No Data
Partition Coefficient:	No Data
Percent Volatile:	46.0 - 50.0
VOC Content:	< 100 g/L (less water)
Expansion Ratio:	5000 - 5300 cP
Molecular Formula:	Mixture
Molecular Weight:	Not applicable.
Odor Threshold:	No Data
Specific Volume:	No Data
Oxidizing Properties:	No Data
Explosive Properties:	Not explosive.
Refractive Index:	Not applicable.

Section 10: STABILITY AND REACTIVITY

Reactivity:

Chemical Stability:

Chemical Stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

Hazardous Polymerization: Not reported.

Conditions To Avoid:

Conditions To Avoid: Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.

Incompatible Materials:

Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

Section 11: TOXICOLOGICAL INFORMATION

Toxicological Information::

Product:

Sign and Symptoms:	Overexposure may cause headaches and dizziness.
PreExisting Conditions Aggravated by Exposure:	None generally recognized.
Acute Inhalation Effects:	Prolonged or excessive inhalation may cause respiratory tract irritation.
Acute Skin Effects:	Causes skin irritation.
Acute Ingestion Effects:	May be harmful if swallowed. May cause vomiting.
Acute Eye Effects:	Causes eye irritation.

Water:

Ingestion Toxicity:	Oral - Rat LD50 - Lethal dose, 50 percent kill: >90 mL/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
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Propylene glycol:

Eye Toxicity:	Administration into the eye - Rabbit Standard Draize test: 100 mg [Mild] Administration into the eye - Rabbit Standard Draize test: 500 mg/24H [Mild] (RTECS)
Skin Toxicity:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 20800 mg/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 20800 mg/kg [Behavioral - Ataxia Behavioral - Tetany Lungs, Thorax, or Respiration - Respiratory depression] (RTECS)
Ingestion Toxicity:	Oral - Rat LD50 - Lethal dose, 50 percent kill: 20 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Petroleum distillates, solvent dewaxed heavy paraffinic:

Skin Toxicity:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: >5000 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion Toxicity:	Oral - Rat LD50 - Lethal dose, 50 percent kill: >5000 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Diphenyl Ketone:

Skin Toxicity:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 3535 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion Toxicity:	Oral - Rat LD50 - Lethal dose, 50 percent kill: >10 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Chronic Toxicity:	Normal application procedures for this product pose minimal hazard as to the release of diphenyl ketone dust, but grinding or sanding dried films of this product may yield some respirable particulates.

2,2,4-trimethyl-1,3-pentanediol monoiso-butyrate:

Ingestion Toxicity:	Oral - Rat LD50 - Lethal dose, 50 percent kill: 3200 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
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Titanium dioxide:

Chronic Toxicity:	Normal application procedures for this product pose no hazard as to the release of respirable titanium dioxide dust, but grinding or sanding dried films of this product may yield some respirable titanium dioxide. Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials". OSHA does not regulate titanium
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dioxide as a carcinogen. However, under 29CFR 1910.1200 the SDS must convey the fact that titanium dioxide is a potential carcinogen to rats.

Amorphous Silica:

Eye Toxicity: Administration into the eye - Rabbit Standard Draize test: 25 mg/24H [Mild] (RTECS)

Diuron:

Skin Toxicity: Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: >5 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Ingestion Toxicity: Oral - Rat LD50 - Lethal dose, 50 percent kill: 1017 mg/kg [Behavioral - General anesthetic Behavioral - Ataxia]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 1 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Section 12: Ecological Information

Ecotoxicity:

Product:

Ecotoxicity: No ecotoxicity data was found for the product.

Persistence and degradability:

Product:

Environmental Fate: No environmental information found for this product.

Bioaccumulative potential:

Mobility in soil:

Section 13: DISPOSAL CONSIDERATIONS

Description of waste:

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

Section 14: TRANSPORT INFORMATION

DOT Shipping Name: Not restricted as a dangerous good.

DOT UN Number: Not restricted as a dangerous good.

IMDG Shipping Name: Not restricted as a dangerous good.

IMDG UN Number: Not restricted as a dangerous good.

IATA Shipping Name: Not restricted as a dangerous good.

IATA UN Number: Not restricted as a dangerous good.

RID/ADR Shipping Name: Not restricted as a dangerous good.

RID/ADR UN Number: Not restricted as a dangerous good.

Canada Shipping Name: Not restricted as a dangerous good.

Canada UN Number: Not restricted as a dangerous good.

Section 15: REGULATORY INFORMATION

Safety, health and

environmental regulations
specific for the product::

Regulatory - Ingredient Based:

Titanium dioxide:

Canada DSL: Listed
TSCA Inventory Status: Listed
EC Number: 236-675-5

MICA:

Canada DSL: Listed

Propylene glycol:

Canada DSL: Listed
TSCA Inventory Status: Listed
EC Number: 200-338-0

Limestone:

TSCA Inventory Status: Listed
EC Number: 215-279-6

Petroleum distillates, solvent dewaxed heavy paraffinic:

EC Number: 265-169-7
Canada DSL: Listed
TSCA Inventory Status: Listed

Diphenyl Ketone:

EC Number: 204-337-6
TSCA Inventory Status: Listed
CA PROP 65: Listed,cancer.
Canada DSL: Listed

Potassium Tripolyphos:

TSCA Inventory Status: Listed
EC Number: 237-574-9
Canada DSL: Listed

Section 16: Additional Information

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Disclaimer: The information contained herein is, to the best of Stuc-o-flex International, Inc. knowledge, accurate as of the data indicated. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition that the person receiving it shall make his own determination as to the suitability of the material for his particular purpose and on the condition that he assumes the risk of his use thereof.

HMIS:

Health	1
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Flammability	1
Reactivity	0
PPE	1

NFPA:



Other Information::

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