

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name BIOESQUE MOLD RESISTANT COATING: CLEAR

Other means of identification

Product Code BMRCC5G

Recommended use of the chemical and restrictions on use

Recommended Use Mold Resistant Clear Coating

Uses advised against No information available

Emergency telephone number

Company Phone Number 800-921-4634

24 Hour Emergency Phone Number 800-424-9300

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Label elements

Emergency Overview

| | | |
|-------------------------|------------------------------|-------------------|
| Appearance White | Physical state liquid | Odor Bland |
|-------------------------|------------------------------|-------------------|

Hazards not otherwise classified (HNOC)

Other Information

- May be harmful if swallowed
- May be harmful in contact with skin

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|-----------------------------|------------|----------|--------------|
| Vinyl Acetate | 108-05-4 | <60 | * |
| 3-Iodo-2-propynyl carbamate | 55406-53-6 | <1 | * |
| Methyl 2-benzimidazole | 10605-21-7 | <1 | * |
| Thymol | 89-83-8 | <1 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Methods for cleaning up Dispose in accordance with federal and state regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container closed when not in use. Do not freeze. Keep out of reach of children. Follow label instructions.

Incompatible materials Strong acids. OXIDIZERS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------|-----------------------------|--|---|
| Vinyl Acetate 108-05-4 | STEL: 15 ppm TWA: 10 ppm | (vacated) TWA: 10 ppm (vacated) TWA: 30 mg/m ³ (vacated) STEL: 20 ppm (vacated) STEL: 60 mg/m ³ | Ceiling: 4 ppm 15 min Ceiling: 15 mg/m ³ 15 min |

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear Neoprene or protective rubber gloves. Drenching safety shower and eye wash station.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | Bland |
| Appearance | Thick White Liquid | Odor threshold | No information available |
| Color | White | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-----------------|---------------|-------------------------|
| pH | 8.5 | |

| | |
|--------------------------------------|--------------------------|
| Melting point/freezing point | No information available |
| Boiling point / boiling range | 100 >212°F |
| Flash point | No information available |
| Evaporation rate | <1 |
| Flammability (solid, gas) | No information available |
| Flammability Limit in Air | |
| Upper flammability limit: | No information available |
| Lower flammability limit: | No information available |
| Vapor pressure | No information available |
| Vapor density | >1 |
| Specific Gravity | 1.03 |
| Water solubility | Miscible in water |
| Solubility in other solvents | No information available |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive properties | No information available |
| Oxidizing properties | No information available |

Other Information

| | |
|-------------------------|--------------------------|
| Softening point | No information available |
| Molecular weight | No information available |
| VOC Content (%) | No information available |
| Density | 8.51 |
| Bulk density | No information available |

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong acids. OXIDIZERS.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂). heat.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | No data available |
| Inhalation | Irritation and difficulty in breathing. |
| Eye contact | Severely irritating to eyes. |

Skin Contact No data available.
Ingestion Gastric pain and vomiting.

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|----------------------|--|---|
| Vinyl Acetate 108-05-4 | = 2900 mg/kg (Rat) | = 2335 mg/kg (Rabbit) | = 11400 mg/m ³ (Rat) 4 h = 11.4 mg/L (Rat) 4 h |
| 3-Iodo-2propynyl carbamate 55406-53-6 | = 1100 mg/kg (Rat) | - | - |
| Methyl 2-benzimidaole 10605-21-7 | = 6400 mg/kg (Rat) | = 2 g/kg (Rat) = 8500 mg/kg (Rabbit) | - |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------------------|-------|----------|-----|------|
| Vinyl Acetate 108-05-4 | A3 | Group 2B | - | X |

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|--|----------------------|---|----------------------------------|
| Vinyl Acetate 108-05-4 | - | 14: 96 h Pimephales promelas mg/L LC50 static 15.04 - 21.54: 96 h Lepomis macrochirus mg/L LC50 static 26.1 - 36.63: 96 h Poecilia reticulata mg/L LC50 static | 52: 24 h Daphnia magna mg/L EC50 |
| 3-Iodo-2propynyl carbamate 55406-53-6 | - | 0.14 - 0.32: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.049 - 0.079: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.05 - 0.089: 96 h Oncorhynchus mykiss mg/L LC50 0.18 - 0.23: 96 h Pimephales promelas mg/L LC50 flow-through | - |

Persistence and degradability
 No information available.

Bioaccumulation
 No information available.

| Chemical Name | Partition coefficient |
|---------------|-----------------------|
| | |

| | |
|---------------------------|------|
| Vinyl Acetate 108-05-4 | 0.73 |
|---------------------------|------|

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------------------------|------|--|------------------------|------------------------|
| Methyl 2-benzimidazole 10605-21-7 | U372 | Included in waste streams: K156, K158 | - | U372 |

| Chemical Name | California Hazardous Waste Status |
|---------------------------|-----------------------------------|
| Vinyl Acetate 108-05-4 | Toxic Ignitable |

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|----------------------|-----------------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Does not comply |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | SARA 313 - Threshold Values % |
|--|-------------------------------|
| Vinyl Acetate - 108-05-4 | 0.1 |
| 3-Iodo-2-propynyl carbamate - 55406-53-6 | 1.0 |

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Vinyl Acetate 108-05-4 | 5000 lb | - | - | X |

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------------------|--------------------------|----------------|--|
| Vinyl Acetate 108-05-4 | 5000 lb | 5000 lb | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Methyl 2-benzimidazole 10605-21-7 | 10 lb | - | RQ 10 lb final RQ RQ 4.54 kg final RQ |

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Vinyl Acetate 108-05-4 | X | X | X |
| 3-Iodo-2-propynyl carbamate 55406-53-6 | X | - | - |
| Methyl 2-benzimidazole 10605-21-7 | X | - | - |

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

| | | | | |
|-------------|------------------|----------------|--------------------|------------------------------------|
| NFPA | Health hazards 0 | Flammability 0 | Instability 0 | Physical and Chemical Properties - |
| HMIS | Health hazards 1 | Flammability 0 | Physical hazards 0 | Personal protection X |

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet