

**CLASSIFICATION:** 09 66 23.16 Epoxy-Resin Terrazzo Flooring

**PRODUCT DESCRIPTION:** Part B of the two component Terroxy Primer. Terroxy Primer is a 100% solids, is a moisture insensitive epoxy primer designed for concrete, wood and masonry surface application. Terroxy Primer is compatible with Terroxy Iso-Crack Epoxy Membrane, Terroxy Epoxy Matrix and Terroxy Industrial Flooring Products and should be installed prior to these products. Terroxy Primer provides excellent filling and sealing of concrete. This is especially important when applying thin set epoxy terrazzo and industrial flooring to concrete or cinder block walls for wainscot, column and base applications. Terroxy Primer's moisture insensitivity characteristics allow Terroxy Primer to be applied to damp concrete after proper surface preparation. In addition, the low modulus of elasticity and stress relieving properties of Terroxy Primer make it ideal for use as a binder for epoxy mortar systems and for patching and grouting applications.

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes  No

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No

*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No

*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified**  Yes Ex/SC  Yes  No

*All substances disclosed by Name (Specific or Generic) and Identifier.*

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

**TERROXY PRIMER PART B [ 4-NONYLPHENOL (BRANCHED) LT-1 | PBT |**  
**END | MUL | AQU | SKI | REP | DEL FORMALDEHYDE, POLYMER WITH**  
**BENZENAMINE, HYDROGENATED NoGS BENZYL ALCOHOL BM-2**  
**TETRAETHYLENAPENTAMINE LT-P1 | AQU | SKI | MUL 2,4,6-**  
**TRI(DIMETHYLAMINOMETHYL)PHENOL LT-UNK | SKI | EYE ]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Percentage (%) ranged used to as means of keeping exact formulation proprietary.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.0

Regulatory (g/l): 0.0

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: GreenGuard - Gold (previously Children & Schools)

VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-01-24

PUBLISHED DATE: 2020-02-03

EXPIRY DATE: 2023-01-24



## Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### TERROXY PRIMER PART B

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Considered. Product is estimated to have to no residuals/impurities over 1000 ppm based off supplier information.

OTHER PRODUCT NOTES: None

#### 4-NONYLPHENOL (BRANCHED)

ID: 84852-15-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-24

#: 35.00 - 45.00

GS: LT-1

RC: None

NANO: No

ROLE: Catalyst

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Substance of Possible Concern
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms
DEVELOPMENTAL	US EPA - PPT Chemical Action Plans	Developmental Effects
PBT	ChemSec - SIN List	PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	EU - SVHC Authorisation List	Equivalent Concern - Candidate List

SUBSTANCE NOTES: Percentage (%) ranged used to as means of keeping exact formulation proprietary.

## FORMALDEHYDE, POLYMER WITH BENZENAMINE, HYDROGENATED

ID: 135108-88-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-24**

#: **20.00 - 30.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Curing Agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Percentage (%) ranged used to as means of keeping exact formulation proprietary.

## BENZYL ALCOHOL

ID: 100-51-6

%: **5.00 - 15.00**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Diluent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Percentage (%) ranged used to as means of keeping exact formulation proprietary.****TETRAETHYLENEPENTAMINE**ID: **112-57-2**%: **3.00 - 8.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Curing Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CHRON AQUATIC**

EU - GHS (H-Statements)

**H411 - Toxic to aquatic life with long lasting effects****SKIN IRRITATION**

EU - GHS (H-Statements)

**H314 - Causes severe skin burns and eye damage****SKIN SENSITIZE**

EU - GHS (H-Statements)

**H317 - May cause an allergic skin reaction****MULTIPLE**

German FEA - Substances Hazardous to Waters

**Class 2 - Hazard to Waters**SUBSTANCE NOTES: **Percentage (%) ranged used to as means of keeping exact formulation proprietary.****2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL**ID: **90-72-2**%: **1.00 - 5.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Curing Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**SKIN IRRITATION**

EU - GHS (H-Statements)

**H315 - Causes skin irritation****EYE IRRITATION**

EU - GHS (H-Statements)

**H319 - Causes serious eye irritation**SUBSTANCE NOTES: **Percentage (%) ranged used to as means of keeping exact formulation proprietary.**

## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

### VOC EMISSIONS

### GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

**04-25**

**04-19**

**Environment**

CERTIFICATE URL: [https://spot.ul.com/main-app/products/detail/5cc1f5bf55b0e850e83b613d?page\\_type=Products%20Catalog](https://spot.ul.com/main-app/products/detail/5cc1f5bf55b0e850e83b613d?page_type=Products%20Catalog)

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings**

### VOC CONTENT

### SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **ASTM D2369**

APPLICABLE FACILITIES: **All**

**02-03**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

## Section 5: General Notes

Considered. Product is estimated to have to no residuals/impurities over 1000 ppm based off supplier information.



## MANUFACTURER INFORMATION

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MANUFACTURER: **Terrazzo and Marble Supply**

ADDRESS: **3555 West 123rd**

**Alsip Illinois 60803, United States**

WEBSITE: **www.tmsupply.com**

CONTACT NAME: **Erik Wachholder**

TITLE: **Chemist**

PHONE: **7083856633**

EMAIL: **EWACHHOLDER@TMSUPPLY.COM**

## KEY

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**NoGS** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other Terms

#### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material

**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product

**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology

**Third Party Verified** Verification by independent certifier approved by HPDC

**Preparer** Third party preparer, if not self-prepared by manufacturer

**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*