

# Terroxy Rapid Set Part B by Terrazzo and Marble Supply

# Health Product Declaration v2.1

CLASSIFICATION: 09 66 23.16 Epoxy-Resin Terrazzo Flooring

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Terroxy Rapid Set Hardener Part B is designed exclusively for use with Terroxy Resin Matrix Part A. (4A:1B Mix Ratio) For professional use only. See specific installation instructions before using.

## 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

Are All Substances Above the Threshold Indicated:

**Characterized**  
Percent Weight and Role Provided?  Yes  No

**Screened**  
Using Priority Hazard Lists with Results Disclosed?  Yes  No

**Identified**  
Name and Identifier Provided?  Yes  No

### 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 RAPID SET PART B [ BUTYLPHEN **LT-P1** | END | SKI | EYE | REP  
| MUL 1,3-CYCLOHEXANEDIMETHANAMINE **LT-UNK** M-XYLENE-  
ALPHA,ALPHA'-DIAMINE **LT-P1** | MUL | SKI (2-  
AMINOETHYL)ETHANOLAMINE ((2-AMINOETHYL)ETHANOLAMINE) **LT-1** |  
SKI | DEL | REP | RES | MUL 3-MORPHOLINOPROPYLAMINE (3-  
MORPHOLINOPROPYLAMINE) **LT-P1** | MUL ]

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: No

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

VOC content: Air Quality Sciences, Small Chamber VOC Testing, ASTM D-5116

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2017-11-15  
PUBLISHED DATE: 2017-11-15  
EXPIRY DATE: 2020-11-15

## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### TERROXY RAPID SET 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

#### BUTYLPHEN

ID: 98-54-4

#: 30.0000 - 45.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Catalyst

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

OSPAR - Priority PBTs & EDs & equivalent concern

Endocrine Disruptor - Substance of Possible Concern

ENDOCRINE

EU - Priority Endocrine Disruptors

Category 2 - In vitro evidence of biological activity related to Endocrine Disruption

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

REPRODUCTIVE

EU - GHS (H-Statements)

H361f - Suspected of damaging fertility

ENDOCRINE

ChemSec - SIN List

Endocrine Disruption

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

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

#### 1,3-CYCLOHEXANEDIMETHANAMINE

ID: 2579-20-6

#: 15.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Curing Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

**M-XYLENE-ALPHA,ALPHA'-DIAMINE**

ID: 1477-55-0

#: <b>15.0000 - 20.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Curing Agent</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: Percentage (%) ranged used to as means of keeping exact formulation proprietary.				

**(2-AMINOETHYL)ETHANOLAMINE ((2-AMINOETHYL)ETHANOLAMINE)**

ID: 111-41-1

#: <b>12.0000 - 17.0000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Curing Agent</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns		
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact		
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child		
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
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		
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility		
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants		
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B		
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B		
DEVELOPMENTAL	Australia - GHS	H360Df - May damage the unborn child. Suspected of damaging fertility		
SUBSTANCE NOTES: Percentage (%) ranged used to as means of keeping exact formulation proprietary.				

**3-MORPHOLINOPROPYLAMINE (3-MORPHOLINOPROPYLAMINE)**

ID: 123-00-2

#: <b>5.0000 - 10.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Curing Agent</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

### 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 CONTENT

**Air Quality Sciences, Small Chamber VOC Testing, ASTM D-5116**

CERTIFYING PARTY: Third Party

ISSUE DATE: 2012-01-13

EXPIRY DATE:

CERTIFIER OR LAB: Air Quality Sciences, Inc.

APPLICABLE FACILITIES: All

CERTIFICATE URL: <https://builder.hpd-collaborative.org/uploads/files/certifications/997/1415736455.pdf>

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.

### Section 6: References

#### MANUFACTURER INFORMATION

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

<b>OSHA MSDS</b>	Occupational Safety and Health Administration Material Safety Data Sheet
<b>GHS SDS</b>	Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

## Hazard Types

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

## GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

## Recycled Types

<b>PreC</b> Preconsumer (Post-Industrial)
<b>PostC</b> Postconsumer
<b>Both</b> Both Preconsumer and Postconsumer
<b>Unk</b> Inclusion of recycled content is unknown
<b>None</b> 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

<b>Nano</b> Composed of nano scale particles or nanotechnology
<b>Third Party Verified</b> Verification by independent certifier approved by HPDC
<b>Preparer</b> Third party preparer, if not self-prepared by manufacturer
<b>Applicable facilities</b> Manufacturing sites to which testing applies

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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.