

Terroxy Primer Part B by Terrazzo and Marble Supply

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

CONTENT INVENTORY

Threshold per material

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

Residuals and impurities considered in

- 1 of 1 materials
- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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 PRIMER PART B [4-NONYLPHENOL (BRANCHED) **LT-1** | MAM | SKI | AQU | REP | DEV | END | PBT | MUL FORMALDEHYDE, POLYMER WITH BENZENAMINE, HYDROGENATED **UNK** BENZYL ALCOHOL **LT-UNK** | MAM TETRAETHYLENAPENTAMINE **LT-P1** | MAM | SKI | AQU | MUL 2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL **LT-UNK** | MAM | EYE | SKI]

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:

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

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

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: January 25, 2017	EXPIRY DATE*: January 25, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: January 25, 2017	* or within 3 months of significant change in product contents

*See HPDC website for details



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

TERROXY PRIMER PART B %: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes:

4-NONYLPHENOL (BRANCHED)

ID: 84852-15-3

%: 35.0000 - 45.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Catalyst

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

REPRODUCTIVE

EU - R-phrases

R62 - Possible risk of impaired fertility

DEVELOPMENTAL

EU - R-phrases

R63 - Possible risk of harm to the unborn child

ENDOCRINE

EU - Priority Endocrine Disruptors

Category 1 - In vivo evidence of Endocrine Disruption Activity

PBT

OSPAR - Priority PBTs & EDs & equivalent concern

PBT - Substance of Possible Concern

PBT

OSPAR - Priority PBTs & EDs & equivalent concern

PBT - Chemical for Priority Action

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

SUBSTANCE NOTES:

FORMALDEHYDE, POLYMER WITH BENZENAMINE, HYDROGENATED

ID: 135108-88-2

%: 20.0000 - 30.0000 GS: UNK RC: None NANO: NO ROLE: Curing Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BENZYL ALCOHOL

ID: 100-51-6

%: 5.0000 - 15.0000 GS: LT-UNK RC: None NANO: NO ROLE: Diluent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SUBSTANCE NOTES:

TETRAETHYLENEPENTAMINE

ID: 112-57-2

%: 3.0000 - 8.0000 GS: LT-P1 RC: None NANO: NO ROLE: Curing Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
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:

2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL

ID: 90-72-2

%: 1.0000 - 5.0000 GS: LT-UNK RC: None NANO: NO ROLE: Curing Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES:

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

CERTIFYING PARTY: Third Party
 APPLICABLE FACILITIES: All
 CERTIFICATE URL: <https://builder.hpd-collaborative.org/uploads/files/certifications/997/1415736455.pdf>
 CERTIFICATION AND COMPLIANCE NOTES:

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

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2012-01-13	0000-00-00	Air Quality Sciences, Inc.

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.





MANUFACTURER INFORMATION

MANUFACTURER: Terrazzo and Marble Supply

CONTACT NAME: Erik Wachholder

ADDRESS: 3555 West 123rd
Alsip, Illinois 60803
United States

TITLE: Chemist

PHONE: 7083856633

WEBSITE: www.tmsupply.com

EMAIL: EWACHHOLDER@TMSUPPLY.COM

KEY

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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

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

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

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.