

HPD UNIQUE IDENTIFIER: 23698

CLASSIFICATION: 09 90 00 Painting and Coating

PRODUCT DESCRIPTION: Polyamide Epoxy Coating is a multi-use epoxy designed for tanks, machinery, floors, structural members, walls, boats, and other industrial and commercial substrates requiring a durable coating in severe environments. Floors: moderate- to heavy-duty performance in commercial/industrial environments exposed to heavy foot traffic and occasional traffic of lightweight rubber-tired vehicles, intermittent spillage of mild to heavier chemicals, occasional steam and chemical cleaning. Metal: excellent for use on ferrous metals, non-ferrous metals and galvanized metal. This is a two component product that requires 1 part of the proper "A" component mixed with 1 part of part "B" catalyst. The components are already premeasured to the proper mix ratio. No measuring required. Do not mix partial kits

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and All Substances Above the Threshold Indicated Are: Characterized, % weight and role provided for all substances, Screened, One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance, Identified, One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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  
POLYAMIDE EPOXY COATING (V400 PART A) [ POLYAMINE ADDUCT  
Not Screened XYLENES BM-1 | SKI | END | MUL | REP BENZYL  
ALCOHOL BM-2 1-METHOXY-2-HYDROXYPROPANE LT-P1 | END  
ETHYLBENZENE BM-1 | CAN | PHY | MAM | END | SKI | REP  
TRIETHYLENETETRAMINE LT-P1 | RES | SKI | MUL DIISOBUTYL  
KETONE LT-UNK HYDRODESULFURIZED HEAVY NAPHTHA LT-1 |  
PBT | MAM | GEN | CAN | MUL ]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

None

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 341.22 Regulatory (g/l): 341.22

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: No Emission Certificate

VOC content: OTC Compliant

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-02-08

PUBLISHED DATE: 2021-02-08

EXPIRY DATE: 2024-02-08

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

### POLYAMIDE EPOXY COATING (V400 PART A)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Based on the information provided by raw material suppliers

OTHER PRODUCT NOTES: None

#### POLYAMINE ADDUCT

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**

#: **35.0000 - 50.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: Proprietary polyamine adduct - curing agent

#### XYLENES

ID: **1330-20-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**

#: **15.0000 - 30.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: None

#### BENZYL ALCOHOL

ID: **100-51-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**

#: **15.0000 - 25.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

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

SUBSTANCE NOTES: None

**1-METHOXY-2-HYDROXYPROPANE**

ID: 107-98-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**%: **4.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: None

**ETHYLBENZENE**

ID: 100-41-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**%: **2.0000 - 10.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
PHY	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
MAM	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
REP	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: None

**TRIETHYLENETETRAMINE**

ID: 112-24-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**%: **1.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: None

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**%: **0.0100 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

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

SUBSTANCE NOTES: None

**HYDRODESULFURIZED HEAVY NAPHTHA**

ID: 64742-82-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-02-08**%: **0.0100 - 0.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Anti-freeze**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBITE) to the Environment (based on aquatic organisms)
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
MAM	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
GEN	EU - GHS (H-Statements)	H340 - May cause genetic defects
CAN	EU - GHS (H-Statements)	H350 - May cause cancer
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
GEN	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
GEN	GHS - Australia	H340 - May cause genetic defects
CAN	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: None

## 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	No Emission Certificate		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-02-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	08		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: None			

  

VOC CONTENT	OTC Compliant		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-02-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	08		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: None			

## 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.*

GENNEX COLORANTS (229)	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Required for all tinted products.	

## Section 5: General Notes

SDS and TDS available on [www.benjaminmoore.com](http://www.benjaminmoore.com)

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Benjamin Moore & Co.  
**ADDRESS:** 101 Paragon Drive  
 Montvale NJ 07645, USA  
**WEBSITE:** [www.Benjaminmoore.com](http://www.Benjaminmoore.com)

**CONTACT NAME:** Edja Kouassi  
**TITLE:** Technical Project Manager  
**PHONE:** 9732522607  
**EMAIL:** [Edja.kouassi@benjaminmoore.com](mailto:Edja.kouassi@benjaminmoore.com)

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<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>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

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

**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.*