

# 1250 ACRYSHIELD Exterior Semi-Gloss Enamel by Kelly-Moore Paints

# Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 91 13

PRODUCT DESCRIPTION: AcryShield is a family of premium quality exterior paints, enamels and primers designed for excellent weathering and a lasting impression. Created with a 100% acrylic formula to provide outstanding color and gloss retention. AcryShield is backed by the confidence of Kelly-Moore's Lifetime Warranty. This product is designed for use on trim, accents and doors.

## 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

1250 ACRYSHIELD EXTERIOR SEMI-GLOSS ENAMEL [ WATER BM-4  
 POLYMETHYL METHACRYLATE (PMMA) LT-P1 | RES CASTOR OIL, POLYMER WITH TDI NoGS NEPHELINE SYENITE LT-UNK POLYACRYLIC ACID, SODIUM SALT LT-UNK DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) LT-UNK 1,2-BENZISOTHIAZOLIN-3-ONE (BIT) LT-P1 | AQU | SKI | EYE | MUL AMMONIA LT-P1 | RES | AQU | SKI | MAM | END | MUL METHYLCHLOROISOTHIAZOLINONE (CIT, CMIT) LT-P1 | MUL POLYETHYLENE GLYCOL LT-UNK POLY(OXY-1,2-ETHANEDIYL), ALPHA-TRIDECYL-OMEGA-HYDROXY-, PHOSPHATE, POTASSIUM SALT LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END HYDROXYETHYL CELLULOSE LT-P1 | END QUARTZ LT-1 | CAN CELLULOSE, MICROCRYSTALLINE LT-UNK | RES METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER LT-UNK 3(2H)-ISOTHIAZOLONE, 4,5-DICHLORO-2-OCTYL- BM-2 | END | MUL CARBENDAZIM LT-1 | END | AQU | GEN | REP | MUL | DEL SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES LT-1 | CAN | MUL METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER LT-UNK POLOXANLENE LT-UNK ALCOHOLS, C9-11, ETHOXYLATED LT-P1 | MUL 1-PHENOXY-2-PROPANOL LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 1  
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): 17.579 Regulatory (g/l): 49.664  
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: N/A  
VOC content: CALCULATED

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2020-01-06 PUBLISHED DATE: 2020-01-06 EXPIRY DATE: 2023-01-06
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## 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)

### 1250 ACRYSHIELD EXTERIOR SEMI-GLOSS ENAMEL

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All raw materials were considered prior to formulation.

OTHER PRODUCT NOTES:

#### WATER

ID: 558440-22-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-06

%: 49.30 - 56.77

GS: BM-4

RC: None

NANO: No

ROLE: VEHICLE

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### POLYMETHYL METHACRYLATE (PMMA)

ID: 9011-14-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-06

%: 28.30 - 34.34

GS: LT-P1

RC: None

NANO: No

ROLE: BINDER, DEFOAMER

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

#### CASTOR OIL, POLYMER WITH TDI

ID: 67700-43-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-06

%: 3.70 - 5.72

GS: NoGS

RC: None

NANO: No

ROLE: RHEOLOGY MODIFIER

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

#### NEPHELINE SYENITE

ID: 37244-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **1.11 - 1.36**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **FILLER**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**POLYACRYLIC ACID, SODIUM SALT**ID: **9003-04-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **0.34 - 1.58**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **DISPERSANT**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)**ID: **29911-28-2**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **0.20 - 1.89**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **COALESCENT**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

**1,2-BENZISOTHIAZOLIN-3-ONE (BIT)**ID: **2634-33-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **0.17 - 0.17**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **BIOCIDE**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

**AMMONIA**ID: **7664-41-7**

%: **0.14 - 0.43**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **PRESERVATIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rr) - irritant-induced
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES:

**METHYLCHLOROISOTHIAZOLINONE (CIT, CMIT)**ID: **26172-55-4**%: **0.14 - 0.15**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **BIOCIDES**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES:

**POLYETHYLENE GLYCOL**ID: **25322-68-3**%: **0.05 - 0.05**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **ANTIMICROBIAL**

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

SUBSTANCE NOTES:

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-TRIDECYL-OMEGA-HYDROXY-, PHOSPHATE, POTASSIUM SALT**ID: **68186-36-7**%: **0.05 - 0.25**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **DISPERSANT**

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

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **0.00 - 9.73**GS: **LT-1**RC: **None**NANO: **No**ROLE: **PIGMENT**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

**HYDROXYETHYL CELLULOSE**

ID: 9004-62-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **0.00 - 0.24**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **RHEOLOGY MODIFIER**

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

SUBSTANCE NOTES:

**QUARTZ**

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-01-06**%: **0.00 - 0.07**GS: **LT-1**RC: **None**NANO: **No**ROLE: **RHEOLOGY MODIFIER**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Australia	H350i - May cause cancer by inhalation
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]

SUBSTANCE NOTES:

### CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

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

HAZARD SCREENING DATE: **2020-01-06**

%: **0.00 - 0.08**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **RHEOLOGY MODIFIER**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

### METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER

ID: 9038-95-3

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

HAZARD SCREENING DATE: **2020-01-06**

%: **0.00 - 0.64**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **RHEOLOGY MODIFIER**

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

SUBSTANCE NOTES:

### 3(2H)-ISOTHIAZOLONE, 4,5-DICHLORO-2-OCTYL-

ID: 64359-81-5

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

HAZARD SCREENING DATE: **2020-01-06**

%: **0.00 - 0.54**

GS: **BM-2**

RC: **None**

NANO: **No**

ROLE: **ANTIMICROBIAL**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES:

## CARBENDAZIM

ID: 10605-21-7

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

HAZARD SCREENING DATE: **2020-01-06**

%: **0.00 - 0.61**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **FUNGICIDE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 2 - In vitro evidence of biological activity related to Endocrine Disruption
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
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B
GENE MUTATION	GHS - New Zealand	6.6A - Known or presumed human mutagens
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
GENE MUTATION	GHS - Australia	H340 - May cause genetic defects
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child
GENE MUTATION	GHS - Japan	Germ cell mutagenicity - Category 1B [H340]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES:

## SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

ID: 64742-65-0

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

HAZARD SCREENING DATE: **2020-01-06**

%: <b>0.00 - 0.47</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>DEFOAMER</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>CANCER</b>	<b>EU - GHS (H-Statements)</b>	<b>H350 - May cause cancer</b>		
<b>CANCER</b>	<b>EU - REACH Annex XVII CMRs</b>	<b>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</b>		
<b>MULTIPLE</b>	<b>ChemSec - SIN List</b>	<b>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</b>		
<b>CANCER</b>	<b>EU - Annex VI CMRs</b>	<b>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</b>		
<b>CANCER</b>	<b>GHS - Australia</b>	<b>H350 - May cause cancer</b>		
SUBSTANCE NOTES:				

**METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER**

ID: **9038-95-3**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-01-06</b>		
%: <b>0.00 - 0.05</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>DEFOAMER</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>None found</b>		<b>No warnings found on HPD Priority Hazard Lists</b>		
SUBSTANCE NOTES:				

**POLOXANLENE**

ID: **9003-11-6**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-01-06</b>		
%: <b>0.00 - 0.15</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>SURFACTANT</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>None found</b>		<b>No warnings found on HPD Priority Hazard Lists</b>		
SUBSTANCE NOTES:				

**ALCOHOLS, C9-11, ETHOXYLATED**

ID: **68439-46-3**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-01-06</b>		
%: <b>0.00 - 0.49</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>WETTING AGENT</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>MULTIPLE</b>	<b>German FEA - Substances Hazardous to Waters</b>	<b>Class 2 - Hazard to Waters</b>		
SUBSTANCE NOTES:				

**1-PHENOXY-2-PROPANOL**

ID: **770-35-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-01-06</b>		
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%: **0.00 - 1.48**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **COALESCENT**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

**No warnings found on HPD Priority Hazard Lists**

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

N/A

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-08-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **N/A**

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CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **No emissions scenario for exterior products.**

### VOC CONTENT

CALCULATED

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-10-**

EXPIRY DATE:

CERTIFIER OR LAB: **Kelly-Moore Paint**

APPLICABLE FACILITIES: **Kelly Moore Paint Hurst Factory**

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**Co.**

**301 W Hurst Blvd, Hurst, TX 76053**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **VOC Content value was based on the calculations using internal formulation software.**

## 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.*

### 255 ACRYSHIELD WOOD PRIMER

HPD URL: [https://hpdrepository.hpd-](https://hpdrepository.hpd-collaborative.org/repository/HPDs/2861-20150125202226.pdf)

[collaborative.org/repository/HPDs/2861-20150125202226.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/2861-20150125202226.pdf)

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

255 AcryShield Wood Primer is recommended for wood substrate. SURFACE PREPARATION: General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* New Surfaces: All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. New Ferrous Metal: Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). New Aluminum Galvanized Metal: Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. Previously Painted Surfaces: Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

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HPD URL: [https://hpdrepository.hpd-](https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish_220_247AcryShield_Exterior_100_Acrylic_Masonry_Primer_1482436329.pdf)

[collaborative.org/repository/HPDs/publish\\_220\\_247AcryShield\\_Exterior\\_100\\_Acrylic\\_Masonry\\_Primer\\_1482436329.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish_220_247AcryShield_Exterior_100_Acrylic_Masonry_Primer_1482436329.pdf)

**MASONRY  
PRIMER**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

**247 AcryShield Masonry Primer** is recommended for Masonry, Stucco & Fiber Cement Board. **SURFACE PREPARATION:** General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* **New Surfaces:** All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. **New Ferrous Metal:** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). **New Aluminum Galvanized Metal:** Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. **Previously Painted Surfaces:** Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

**5725 DTM PRIMER/FINISH**

HPD URL: [https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish\\_220\\_5725\\_DTM\\_Acrylic\\_Primer\\_Finisher\\_1536340863.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish_220_5725_DTM_Acrylic_Primer_Finisher_1536340863.pdf)

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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

**5725 DTM Primer/Finish** is recommended for Metal. **SURFACE PREPARATION:** General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* **New Surfaces:** All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. **New Ferrous Metal:** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). **New Aluminum Galvanized Metal:** Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. **Previously Painted Surfaces:** Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

**521 PRIME & FILL BLOCK FILLER**

HPD URL: **No HPD Available**

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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

**521 Prime & Fill Block Filler** is recommended for Porous Masonry. **SURFACE PREPARATION:** General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* **New Surfaces:** All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. **New Ferrous Metal:** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). **New Aluminum Galvanized Metal:** Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. **Previously Painted Surfaces:** Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

**265 HYBRID PRIMER**

HPD URL: **No HPD Available**

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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

**265 Hybrid Primer** is recommended for Tannin Rich Wood. **SURFACE PREPARATION:** General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* **New Surfaces:** All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. **New Ferrous Metal:** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). **New Aluminum Galvanized Metal:** Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. **Previously Painted Surfaces:** Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

**295 KEL-BOND UNIVERSAL PRIMER**

HPD URL: [https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish\\_220\\_295\\_Kel\\_Bond\\_Universal\\_Interior\\_Exterior\\_Primer\\_1535046486.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish_220_295_Kel_Bond_Universal_Interior_Exterior_Primer_1535046486.pdf)

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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

295 Kel-Bond Universal Primer is recommended for Stain Blocking. SURFACE PREPARATION: General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* New Surfaces: All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. New Ferrous Metal: Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). New Aluminum Galvanized Metal: Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. Previously Painted Surfaces: Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

## 287 KEL-BOND ADHESION PLUS

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

287 Kel-Bond Adhesion Plus is the recommended primer for Dense or Glossy Surfaces. SURFACE PREPARATION: General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* New Surfaces: All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. New Ferrous Metal: Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). New Aluminum Galvanized Metal: Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. Previously Painted Surfaces: Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

## 285 KEL-BOND ULTRA

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

285 Kel-Bond Ultra is the recommended primer for Rough or Uneven Surfaces. SURFACE PREPARATION: General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* New Surfaces: All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. New Ferrous Metal: Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). New Aluminum Galvanized Metal: Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. Previously Painted Surfaces: Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

## 98 MULTI-SEAL

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

98 Multi-Seal is recommended for Chalky Surfaces. SURFACE PREPARATION: General: All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\* New Surfaces: All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter. New Ferrous Metal: Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). New Aluminum Galvanized Metal: Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly. Previously Painted Surfaces: Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

## Section 5: General Notes

Tintable bases differ primarily in the amount of titanium dioxide included in each formula: light base includes the highest amount of TiO<sub>2</sub> while the neutral base has no TiO<sub>2</sub>. Some bases also differ in dispersants, extenders, and

thickeners. This product is self-priming over bare wood and masonry <13 pH. A minimum of 2 coats at 4-6 wet mils are required for touch-up, as well as sheen and color uniformity. A minimum of 4 hours are required between applied coats. Over previously painted surfaces, 1-2 coats applied at 4-6 wet mils may be acceptable. An appropriate primer or sealer is required when a porous substrate, heavy tannins, or stains are present.



## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Kelly-Moore Paints**  
 ADDRESS: **987 Commercial St.**  
**San Carlos California 94070, USA**  
 WEBSITE: **www.kellymoore.com**

CONTACT NAME: **Tiffany Gonda**  
 TITLE: **Director, Product Stewardship**  
 PHONE: **(650) 592-8337**  
 EMAIL: **talvarez@kellymoore.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

<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

**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.*