

HPD UNIQUE IDENTIFIER: 28617

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: EXCELSIOR C-631 is a solvent-free, waterborne, polychloroprene contact adhesive formulated for installation of vinyl and rubber flooring products, moldings and stair treads. Maybe used over properly prepared porous and non-porous surfaces. HELMIBOND 6504 is designed versatility with excellent tack, high heat resistance and excellent bond strength.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities, and Characterized/Screened/Identified. Includes radio button options for various settings and explanatory text for screening results.

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

EXCELSIOR C-631 [WATER (PRIMARY CASRN IS 7732-18-5) BM-4
POLYCHLOROPRENE LT-UNK KAOLIN LT-UNK | CAN RESIN ESTER
Not Screened RESIN ACIDS AND ROSIN ACIDS, SODIUM SALTS LT-
UNK PENTAERYTHRITOL ROSINATE LT-UNK SOLVENT-DEWAXED
HEAVY PARAFFINIC PETROLEUM DISTILLATES LT-1 | CAN | MUL
SILICA GEL LT-UNK POTASSIUM HYDROXIDE LT-P1 | SKI 1-
PROPENE TETRAMER-OXYBISBENZENE REACTION PRODUCTS,
SULFONATED, SODIUM SALT LT-P1 | MUL ZINC OXIDE BM-1 | END |
RES | MUL | AQU PHENOL, 4-METHYL-, REACTION PRODUCTS WITH
DICYCLOPENTADIENE AND ISBUTYLENE LT-UNK TRIETHYLENE
GLYCOL MONOBUTYL ETHER LT-UNK | EYE]

Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Ingredients above 1000 ppm and meeting US GHS SDS disclosure requirements are disclosed.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 Regulatory (g/l): 50
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: VOC Emission
VOC content: VOC

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2022-05-27

PUBLISHED DATE: 2022-06-06

EXPIRY DATE: 2025-05-27

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

EXCELSIOR C-631

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are partially considered.

OTHER PRODUCT NOTES: EXCELSIOR C-631 is a solvent-free, waterborne, polychloroprene contact adhesive formulated for installation of vinyl and rubber flooring products, moldings and stair treads. Maybe used over properly prepared porous and non-porous surfaces. HELMIBOND 6504 is designed versatility with excellent tack, high heat resistance and excellent bond strength.

WATER (PRIMARY CASRN IS 7732-18-5)

ID: 652133-48-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-27 13:43:14

#: 15.0000 - 40.0000 GS: BM-4 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:

POLYCHLOROPRENE

ID: 9010-98-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-27 13:43:14

#: 15.0000 - 40.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES:

KAOLIN

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-27 13:43:15

#: 10.0000 - 30.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |

SUBSTANCE NOTES:

RESIN ESTER

ID: Undisclosed

| | | | | |
|---|-------------------------|--|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: Not Screened | | |
| %: 3.0000 - 7.0000 | GS: Not Screened | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| Hazard Screening not performed | | | | |
| SUBSTANCE NOTES: Resin Ester | | | | |

RESIN ACIDS AND ROSIN ACIDS, SODIUM SALTS ID: **61790-51-0**

| | | | | |
|---|------------------------|---|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-05-27 13:43:15 | | |
| %: 1.0000 - 5.0000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

PENTAERYTHRITOL ROSINATE ID: **8050-26-8**

| | | | | |
|---|------------------------|---|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-05-27 13:43:16 | | |
| %: 1.0000 - 5.0000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES ID: **64742-65-0**

| | | | | |
|---|---|--|-----------------|---------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-05-27 13:43:16 | | |
| %: 0.1000 - 1.0000 | GS: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Defoamer |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| CAN | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man | | |
| CAN | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence | | |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant | | |
| CAN | GHS - Australia | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B] | | |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B] | | |
| SUBSTANCE NOTES: | | | | |

SILICA GEL ID: **112926-00-8**

%: **0.1000 - 1.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POTASSIUM HYDROXIDEID: **1310-58-3**%: **0.1000 - 1.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Buffer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKI

EU - GHS (H-Statements) Annex 6 Table 3-1

H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES:

1-PROPENE TETRAMER-OXYBISBENZENE REACTION PRODUCTS, SULFONATED, SODIUM SALTID: **119345-04-9**%: **0.1000 - 1.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Bacteriostatic**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MUL

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

ZINC OXIDEID: **1314-13-2**%: **0.1000 - 1.0000**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

END

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

RES

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

MUL

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

AQU

EU - GHS (H-Statements) Annex 6 Table 3-1

H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]

AQU

EU - GHS (H-Statements) Annex 6 Table 3-1

H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]

SUBSTANCE NOTES:

**PHENOL, 4-METHYL-, REACTION PRODUCTS WITH
DICYCLOPENTADIENE AND ISBUTYLENE**

ID: 68610-51-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-27 13:43:19**

%: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Stabilizer**

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

SUBSTANCE NOTES:

TRIETHYLENE GLYCOL MONOBUTYL ETHER

ID: 143-22-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-27 13:43:19**

%: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|---|
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |

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 | VOC Emission | | |
|--|------------------------|-------------------------|---------------------------------|
| CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road Olive Branch MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: VOC <1g/L | ISSUE DATE: 2022-01-26 | EXPIRY DATE: 2023-03-01 | CERTIFIER OR LAB: Helmitin Inc. |
| VOC CONTENT | VOC | | |
| CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road Olive Branch MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: VOC <1g/L | ISSUE DATE: 2022-01-26 | EXPIRY DATE: 2023-03-01 | CERTIFIER OR LAB: Helmitin 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.

No accessories are required for this product.

Section 5: General Notes

EXCELSIOR C-631 is a solvent-free, waterborne, polychloroprene contact adhesive formulated for installation of vinyl and rubber flooring products, moldings and stair treads. Maybe used over properly prepared porous and non-porous surfaces. HELMIBOND 6504 is designed versatility with excellent tack, high heat resistance and excellent bond strength.

MANUFACTURER INFORMATION

MANUFACTURER: Roppe Corporation
ADDRESS: 11110 Airport Road
Olive Branch Mississippi 38654, United States
WEBSITE: <http://www.helmitin.com>

CONTACT NAME: Scott Holman
TITLE: Director of Compliance & IT
PHONE: 437-370-0042
EMAIL: s.holman@helmitin.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

| | | |
|---------------------------------------|---|--|
| AQU Aquatic toxicity | LAN Land toxicity | PHY Physical hazard (flammable or reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive |
| DEV Developmental toxicity | MUL Multiple | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | NF Not found on Priority Hazard Lists | UNK Unknown |
| GEN Gene mutation | OZO Ozone depletion | |
| GLO Global warming | PBT Persistent, bioaccumulative, and toxic | |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-UNK 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.) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | |
| BM-U Benchmark Unspecified (due to insufficient data) | |
| LT-P1 List Translator Possible 1 (Possible Benchmark-1) | NoGS 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.