

# KRION™ PORCELANOSA SOLID SURFACE ADHESIVES by SYSTEM-POOL S.A.

Health Product  
Declaration v2.1

CLASSIFICATION: 06 06 60 Schedules for Plastic Fabrications

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Krion™ Adhesive can be used for creating seamless sections with Krion™, thanks to the production in coordination with Krion™ colours. The result is a continuous element, without visible cuts and a smooth design. Apart from design, this helps preventing liquids from being absorbed and making cleaning and maintenance easier. Krion™ Adhesive is formulated with the latest technology for the surfacing industry and offers excellent bonding to solid surface substrates. Krion™ Adhesive, formulated with two components (Component A and Component B), has high resistance to water, scuffing and high temperatures and also have greater toughness and impact resistance than most other solid surface adhesives in the market. It is manufactured to the highest standard available and faces stringent quality control tests prior to sale and distribution. Customers will benefit from the environmental conformance properties of Krion™ adhesives as well. In addition, Krion™ Adhesive meets the requirements for Low VOC emission limits for Greenguard Gold, certified by UL. Krion™ Adhesive has been verified in order to demonstrate that none of the substances on the SVHC (Substances of Very High Concern) list, published by ECHA (European Chemicals Agency), are present in its formula. Krion™ Adhesive complies with Article 7 “Registration & Notification of Substances Contained in Items” of the REACH Regulation and with the fact that it does not contain any SVCH in a concentration of over 0.1%. Additionally, the NSF/ANSI 51 Food Contact regulation certifies that the material can be used in surfaces in contact with food (See NSF list).

## 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**

KRION™ ADHESIVE | UNDISCLOSED **LT-P1** | MUL METHYL METHACRYLATE (METHYL METHACRYLATE) **LT-P1** | SKI | RES | END | PHY UNDISCLOSED **LT-P1** | MUL UNDISCLOSED **LT-P1** | MUL ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE) **BM-2** | RES POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA)) **LT-P1** | RES FUMED SILICA, CRYSTALLINE-FREE (FUMED SILICA, CRYSTALLINE-FREE) **LT-UNK** TITANIUM DIOXIDE (TITANIUM DIOXIDE) **LT-1** | CAN | END CARBON BLACK (CARBON BLACK) **LT-1** | CAN UNDISCLOSED **LT-UNK** UNDISCLOSED **NoGS** UNDISCLOSED **LT-UNK** BENZOYL PEROXIDE (BENZOYL PEROXIDE) **LT-UNK** | EYE | SKI | PHY ]

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:

This disclosure includes ingredients at the 1,000 ppm threshold. Exact ingredient percentages are withheld as System-Pool, S.A. 's Intellectual Property.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

VOC emissions: UL/GreenGuard Gold Certified  
Other: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals  
Management: ISO 9001:2008 Quality management systems  
Management: ISO 14001:2004 Environmental management systems

### CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-11-09

PUBLISHED DATE: 2017-11-13

EXPIRY DATE: 2020-11-09

## 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)

### KRION™ ADHESIVE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Krion™ Adhesive is manufactured using mineral fillers and colorants encapsulated in resins and monomers. The polymerization of the resin gives, as finished and nontoxic product to humans. Krion™ Adhesive has been certified in Greenguard Gold, NSF/ANSI 51 and REACH. Impurities present in raw materials has been taken into account based on supplier MSDS/SDS. System-Pool, S.A. only uses high purity raw materials in order to ensure the high-quality of its products and obtain the exclusive properties of Krion™ Adhesives.

OTHER PRODUCT NOTES: Residuals generated during Krion™ Adhesive manufacturing, once they are catalized, they become in inert waste without any kind of hazards and nontoxic product to humans. That makes an easier waste to manage.

#### UNDISCLOSED

#: **35.0000 - 65.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Stabilizers are included in order to prevent heat and/or light degradation preventing the adhesive against premature aging and/or weathering in case of outdoor use. With this agents, final color porperties are fixed. In the final product, Krion™ Adhesive is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component B.

#### METHYL METHACRYLATE (METHYL METHACRYLATE)

ID: 80-62-6

#: **30.0000 - 50.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Reactive monomer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Monomers are the basic unit in the polymerization process. Methyl methacrylate (MMA), the most important of the acrylic family, is a colorless organic compound essential in the production of polymethyl methacrylate products. As a main monomer of the Krion™ Adhesive formulation, is the reactive compound present in the acrylic resin. In combination with other monomers, led to the final polymer composition and properties. In the final product, Krion™ Adhesive is an acrylic based polymer without hazards for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

### UNDISCLOSED

#: **30.0000 - 60.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Stabilizers are included in order to prevent heat and/or light degradation preventing the adhesive against premature aging and/or weathering in case of outdoor use. With this agents, final color porperties are fixed. In the final product, Krion™ Adhesive is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component B.

### UNDISCLOSED

#: **30.0000 - 60.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Stabilizers are included in order to prevent heat and/or light degradation preventing the adhesive against premature aging and/or weathering in case of outdoor use. With this agents, final color porperties are fixed. In the final product, Krion™ Adhesive is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component B.

### ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE)

ID: **21645-51-2**

#: **20.0000 - 50.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Inert filler**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: Aluminium trihydroxide, commonly known as aluminium trihydrate (ATH), one of the main compound of the Krion™ Adhesive formulation as a filler. ATH are natural compound with a high purity, nontoxic, high whittness, smoke suppressor, inert reactivity, halogen-free fire retardant... In combination with the acrylic part, generates the final Krion™ Adhesive. In the final product, Krion™ is an acrylic based polymer without hazards for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

### POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA))

ID: **9011-14-7**

#: 15.0000 - 35.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Acrylic Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Polymethyl methacrylate is the resulting compound of the combination of methyl methacrylate monomer. This polymer is used as noncrosslinked compound to achieve the excellent properties of the final Krion™ Adhesive. In the final product, Krion™ Adhesive is an acrylic based polymer without hazards for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

FUMED SILICA, CRYSTALLINE-FREE (FUMED SILICA, CRYSTALLINE-FREE)

ID: 112945-52-5

#: 0.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Additives are used in small quantities in order to give or improve some properties to the final product or modifying the intermediate properties helping the production process. In the final product, Krion™ is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A and B.

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: 13463-67-7

#: 0.0000 - 2.0000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH 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

SUBSTANCE NOTES: Titanium dioxide is the most widely used pigment due to the extremely white and bright final color. These oxides are present in several minerals. Due to the high stability, the final color of Krion™ articles are stable and homogeneous. Inorganic pigments are essential for the aesthetic final Krion™ articles. In the final product, Krion™ is an acrylic based polymer without hazards for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

CARBON BLACK (CARBON BLACK)

ID: 1333-86-4

#: 0.0000 - 2.0000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH 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
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Carbon black is one of the most common pigments based on carbon. It is an excellent black coloring agent. Carbon black is a UV stabilizing agent to fix the final color properties. Pigments are essential for the aesthetic final Krion™ Adhesive. In the final product, Krion™ Adhesive is an acrylic based polymer without hazards for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Comonent A.

**UNDISCLOSED**

#: <b>0.0000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Additive</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Additives are used in small quantities in order to give or improve some properties to the final product or modifying the intermediate properties helping the production process. In the final product, Krion™ is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

**UNDISCLOSED**

#: <b>0.0000 - 5.0000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Additive</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Additives are used in small quantities in order to give or improve some properties to the final product or modifying the intermediate properties helping the production process. In the final product, Krion™ is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

**UNDISCLOSED**

#: <b>0.0000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Additive</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Additives are used in small quantities in order to give or improve some properties to the final product or modifying the intermediate properties helping the production process. In the final product, Krion™ is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component A.

**BENZOYL PEROXIDE (BENZOYL PEROXIDE)**

ID: **94-36-0**

#: <b>0.0000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Cure agent</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H241 - Heating may cause a fire or explosion
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

**SUBSTANCE NOTES:** Cure agents are compounds that through the generation of free radicals, carry out the polymerization of reactive monomers to produce the final polymer network. Cure agents are developed to enhance the final properties of Krion™ Adhesive as final product. In the final product, Krion™ Adhesive is an acrylic based polymer without hazard for humans. Krion™ Adhesive is a mixture of two components; Component A and Component B in a 10:1 ratio. This ingredient is in Component B.

## 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

#### UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: System-Pool, S.A.  
 CERTIFICATE URL:  
<https://spot.ulprospector.com/en/na/BuiltEnvironment>

ISSUE DATE: 2014-07-25  
 EXPIRY DATE: 2018-09-07  
 CERTIFIER OR LAB: UL - Underwriters Laboratories

**CERTIFICATION AND COMPLIANCE NOTES:** This certificate, provided by UL - Underwriters Laboratories, ensures that Krion™ Adhesive has not any significant impact on indoor air pollution levels. Greenguard Certification meet some of the most rigorous criteria helping reduce indoor pollution. Moreover, Krion™ Adhesive has been certificate in Greenguard Gold, which includes additional chemicals and requires lower total VOC emissions level. In addition, Greenguard Gold certificate products must also comply with requirements of the State of California's Department of Public Health and BIFMA X7.1 Standard and BIFMA e3 credits 7.6.1, 7.6.2 and 7.6.3.

### OTHER

#### REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: System-Pool, S.A.  
 CERTIFICATE URL:

ISSUE DATE: 2017-10-04  
 EXPIRY DATE:  
 CERTIFIER OR LAB: SGS

**CERTIFICATION AND COMPLIANCE NOTES:** The REACH regulation is aimed at controlling chemical products that are manufactured or included as substances in mixes or end products in the EU. Its main goal is to safeguard human health and the environment. As part of its ongoing commitment to offer clients the best high-performance product on the market conspicuous for its quality while also caring for the environment, Krion™ Adhesive has conducted tests to verify that none of the substances on the SVHC (Substances of Very High Concern) list, published by ECHA (European Chemicals Agency), are present in its formula. Krion™ Adhesive complies with Article 7 "Registration & Notification of Substances Contained in Items" of the REACH Regulation and with the fact that it does not contain any SVCH in a concentration of over 0.1%.

### MANAGEMENT

#### ISO 9001:2008 Quality management systems

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: System-Pool, S.A.  
CERTIFICATE URL: <http://www.sgs.es/es-es/certifiedclients-and-products/certified-client-directory>

ISSUE DATE: 1998-02-01

EXPIRY DATE: 2018-07-18

CERTIFIER OR LAB: SGS

CERTIFICATION AND COMPLIANCE NOTES: Thanks to the implementation of a Quality Management System as per the UNE-EN ISO 9001 standard, the company demonstrates its ability to consistently provide products or services that meet the customer's requirements and the applicable regulations. The scope is design, developing and production of Solid Surface Materials for kitchen and bathroom furniture, shower trays, bathtubs and countertops. Also design and production of Krion™ Adhesives.

## MANAGEMENT

### ISO 14001:2004 Environmental management systems

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: System-Pool, S.A.  
CERTIFICATE URL: <http://www.sgs.es/es-es/certifiedclients-and-products/certified-client-directory>

ISSUE DATE: 2013-09-01

EXPIRY DATE: 2018-09-15

CERTIFIER OR LAB: SGS

CERTIFICATION AND COMPLIANCE NOTES: This standard offers the possibility of systematizing the environmental aspects generated in each of the activities carried out, in addition to promoting environmental protection and the prevention of pollution from a socio-economic balance point of view. The scope is design, developing and production of Solid Surface Materials for kitchen and bathroom furniture, shower trays, bathtubs and countertops. Also design and production of Krion™ Adhesives.

## + 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.*

### KRION™ PORCELANOSA SOLID SURFACE

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx>

#### CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Krion™ Porcelanosa Solid Surface is a pleasant and soft touch material similar to natural stone. It is made of two-thirds natural minerals (ATH – aluminium trihydrate) and a low percentage of high resistance resins. This composition gives Krion™ a number of exclusive features: it does not have any pores, it is hard-wearing, highly resistant and easy to repair, only requires minimum maintenance and is easy to clean. In addition, photocatalytic properties can be found in Krion™ throughout the whole of the sheets using Krion™ Eco-Active Solid Technology™, properties that are certified as complying with the ISO 22197 (Air Purification), ISO 27447 (Antibacterial), ISO 10678 (Chemical products degradation) and ISO 27448 (Self-cleaning performance) Standards. Krion™ is a material that can be cutted in a similar way to wood, allowing us to cut the sheets, connect them and thermoform them to create curved sections. Also can even be casted during the production process obtaining shapes (sinks, wash basins...), making it possible to create different designs and projects that are impossible to achieve with other materials. Krion™ has been rated according to EN-13501-1:2003 Fire Standard obtaining a Euroclass B S1 d0 and unrestricted B1 rating in accordance with the DIN 4102. It has been declared nontoxic by external laboratories and certified in Greenguard Gold by UL, ANSI 51 Food Equipment Materials by NSF, REACH by SGS and BPA Free among others. System-Pool, S.A. through Porcelanosa Grupo is Global Compact signatory entity from 2015. This Global Compact collects 10 Principles referred to Human Rights, Labor, Environment and Anti-corruption. This commitment is communicated to all the stakeholders and annually revised in order to inform about the progress in the implementation of the 10 Principles.

## + Section 5: General Notes



Krion™ Adhesive is a two-component acrylic adhesive for bonding Krion™ materials. It is adhesive manufactured for the solid surface sector using cutting-edge technology, it stands out for its superior bonding strength. It is provided in two sizes, 50 mL and 250 mL in a two-component cartridge. The result of Krion™ Adhesive is a nontoxic product, certified in Greenguard Gold and NSF/ANSI 51 Food Contact. Moreover, Krion™ Adhesive has been verified in order to demonstrate that none of the substances on the SVHC (Substances of Very High Concern) list, published by ECHA (European Chemicals Agency), are present in its formula. Krion™ Adhesive complies with Article 7 “Registration & Notification of Substances Contained in Items” of the REACH Regulation and with the fact that it does not contain any SVCH in a concentration of over 0.1%. System-Pool, S.A. strongly recommends consulting Krion™ Adhesive MSDS to solve any question about safety and health.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **SYSTEM-POOL S.A.**

ADDRESS: **Ctra. Villarreal - Puebla de Arenoso (CV-20)  
Km. 1**

**Villarreal Castellon 12540, España**

WEBSITE: **www.krion.com/en/**

CONTACT NAME: **Ricardo Álvarez**

TITLE: **Quality Manager**

PHONE: **+34 964 50 64 64**

EMAIL: **calidad@system-pool.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

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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.*