

Name **View Dynamic Glass**

Product ID
 Website www.viewglass.com
 Manufacturer View, Inc.
 Address 195 S. Milpitas Blvd.
 Address Line 2
 City, State, Code Milpitas, CA 95035

Classification 08-80-00
 Contact Name Brandon Tinianov
 Title Senior Manager
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Description View Dynamic Glass uses electrochromic technology to transition between clear and variable tint states, enabling unparalleled control over heat and glare. This HPD cover the insulated glass unit (IGU) of the dynamic glass system.

| | | | | |
|--------------|-------------|---|---------------|-----|
| Release Date | 19-Nov-2013 | <input checked="" type="checkbox"/> Self-declared | | |
| Expiry Date | 18-Nov-2016 | <input type="checkbox"/> Second Party | Certifier | N/A |
| HPD URL | TBD | <input type="checkbox"/> Third Party | Certificate # | |

SUMMARY

The content of this product was assessed for health hazard warnings as required using Pharos

| | | | |
|---|---|---|--|
| Residuals Disclosure | Full Disclosure of Intentional Ingredients | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Measured 100 ppm (ideal) | Full Disclosure of Known Hazards | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <input checked="" type="checkbox"/> Measured 1000 ppm | Disclosure Notes | | |
| <input type="checkbox"/> Predicted by process chemistry | Ingredients and hazards have been disclosed using the best available information. Some ingredients are confidential and are not disclosed in the HPD, but do not contain hazards per the MSDS. The confidential ingredients comprise less than 1% of the product. | | |
| <input type="checkbox"/> As per MSDS (1,000 & 10,000 ppm) | | | |
| <input type="checkbox"/> Not disclosed | | | |
| <input type="checkbox"/> Other | | | |

Contents in Descending Order of Quantity (if the area below is full, refer to the following pages for additional listings)

Glass, Silicone compound, Gamma-Aminopropyl triethoxysilane, Dibutyltin dilaurate, Ethyl alcohol, Hot melt butyl, Silicone polymer, Polymer processing additive, Acrylic adhesive, Butyl adhesive, Multi-layer vapor barrier, Copper, Polyvinyl chloride (PVC), Argon, Lithium, Tungsten, Nickel, Tin, Antimony, Titanium, Silicon, Iron.

| | | | | |
|--|---|--|---|--|
| Hazards | | Highest concern GreenScreen score - Benchmark 1 | | |
| <input checked="" type="checkbox"/> PBT <i>(Persistent and Bioaccumulative)</i> | <input type="checkbox"/> Development | <input checked="" type="checkbox"/> Neurotoxicity | <input type="checkbox"/> Land toxicity | <input checked="" type="checkbox"/> Multiple |
| <input checked="" type="checkbox"/> Cancer | <input type="checkbox"/> Reproductive | <input checked="" type="checkbox"/> Mammal | <input checked="" type="checkbox"/> Physical hazard | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Gene mutation | <input type="checkbox"/> Endocrine | <input checked="" type="checkbox"/> Skin or Eye | <input type="checkbox"/> Global warming | |
| | <input checked="" type="checkbox"/> Respiratory | <input checked="" type="checkbox"/> Aquatic toxicity | <input type="checkbox"/> Ozone depletion | |

| | | | | |
|-------------------|-----|---------------------------------------|---|--|
| Total VOC Content | | | | |
| Material (g/l) | N/A | Does the product contain exempt VOCs? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Regulatory (g/l) | N/A | Are VOC-free tints available? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Content Notes | n/a | | | |

Certifications and Compliance (if the area below is full, refer to the following pages for additional listings)

| | | | |
|---------------|-----|-------------|-----|
| VOC Emissions | N/A | VOC Content | N/A |
|---------------|-----|-------------|-----|

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at GS: GreenScreen Benchmark; RC: Recycled Content, PC: Post Consumer, PI: Post Industrial (Pre-consumer), BO: Both post industrial and post consumer; Nano: comprised of nanoscale particles or nanotechnology.

| Ingredient Name | number | % Weight | GS | RC | Nano | Role |
|---|--|------------|-----|----|------|---------------------------|
| Glass | 65997-17-3 | 99.5-99.9% | | No | No | Prime and mate lite glass |
| None Found | No warnings found on HPD Priority lists | | | | | |
| Silicone compound | Unkown | 0.1-0.2% | U | No | No | Secondary seal |
| None Found | No warnings found on HPD Priority lists | | | | | |
| Proprietary material. No health hazards reported on MSDS. | | | | | | |
| Gamma-Aminopropyl triethoxysilane | 919-30-2 | 0-0.1% | U | No | No | Secondary seal |
| Mammal | EU R-Phrases: R22: Harmful if swallowed. | | | | | |
| Skin or Eye | EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU RPhrases) | | | | | |
| Present in the curing compound | | | | | | |
| Dibutyltin dilaurate | 77-58-7 | 0-0.1% | BM1 | No | No | Secondary seal |
| Cancer | IARC: Group 1: Agent is carcinogenic to humans (also in MAK) | | | | | |
| Physical hazard | EU H-Statements: H225 Highly flammable liquid and vapour. | | | | | |
| Present in the curing compound | | | | | | |
| Ethyl alcohol | 64-17-5 | 0-0.1% | P1 | No | No | Secondary seal |
| Multiple | SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS) | | | | | |
| PBT | OSPAR: PBT - Chemical for Priority Action | | | | | |
| Present in the curing compound | | | | | | |
| Hot melt butyl | Unknown | 0.1-0.2% | | No | No | Primary seal |
| None Found | No warnings found on HPD Priority lists | | | | | |
| Proprietary material. No health hazards reported on MSDS. | | | | | | |
| Silicone polymer | Unknown | 0-0.10% | | No | No | Spacer |
| None Found | No warnings found on HPD Priority lists | | | | | |
| Proprietary material. No health hazards reported on MSDS. | | | | | | |
| Polymer processing additive | Unknown | 0-0.10% | | No | No | Spacer |
| None Found | No warnings found on HPD Priority lists | | | | | |
| Proprietary material. No health hazards reported on MSDS. | | | | | | |

| | | | | | | | |
|---------------------------|---|-----------|---------|-----|----|-----|---------------|
| Acrylic adhesive | | Unknown | 0-0.10% | | No | No | Spacer |
| None Found | No warnings found on HPD | | | | | | |
| Butyl adhesive | | Unknown | 0-0.10% | | No | No | Spacer |
| None Found | No warnings found on HPD | | | | | | |
| Multi-layer vapor barrier | | Unknown | 0-0.10% | | No | No | Spacer |
| None Found | No warnings found on HPD | | | | | | |
| Copper | | 7440-50-8 | 0-0.01% | P1 | No | No | Wire lead |
| None Found | No warnings found on HPD | | | | | | |
| Polyvinyl chloride (PVC) | | 9002-86-2 | 0-0.01% | U | No | No | Wire lead |
| Respiratory | AOEC: Asthmagen (ARs) - sensitizer-induced | | | | | | |
| Argon | | 7440-37-1 | 0-0.01% | U | No | Yes | Glass coating |
| None Found | No warnings found on HPD | | | | | | |
| Lithium | | 7439-93-2 | 0-0.01% | P1 | No | Yes | Glass coating |
| Skin or Eye | EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases) | | | | | | |
| Physical hazard | EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously | | | | | | |
| Multiple | VwVwS: Class 2 Hazard to Waters | | | | | | |
| Tungsten | | 7440-33-7 | 0-0.01% | U | No | Yes | Glass coating |
| None Found | No warnings found on HPD | | | | | | |
| Nickel | | 7440-02-0 | 0-0.01% | BM1 | No | Yes | Glass coating |
| Cancer | Prop 65: Cancer (also in NTP-RoC, NIOSH-C, MAK, EU R-Phrases, IARC, EU H-Statements) | | | | | | |
| Respiratory | AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only | | | | | | |
| Skin or Eye | EU H-Statements: H317 May cause an allergic skin reaction | | | | | | |
| Skin or Eye | EU R-Phrases: R43: May cause sensitization by skin contact. | | | | | | |
| Neurotoxicity | EU H-Statements: H372 Causes damage to organs through prolonged or repeated exposure | | | | | | |
| Tin | | 7440-31-5 | 0-0.01% | U | No | Yes | Glass coating |
| None Found | No warnings found on HPD | | | | | | |
| Antimony | | 7440-36-0 | 0-0.01% | BM1 | No | Yes | Glass coating |
| Cancer | MAK: Carcinogen Group 2 - Considered to be carcinogenic for man | | | | | | |
| Multiple | EPA Action: TSCA Work Plan chemical - Action Plan in development | | | | | | |
| Aquatic toxicity | EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects | | | | | | |
| Titanium | | 7440-32-6 | 0-0.01% | U | No | Yes | Glass coating |
| None Found | No warnings found on HPD | | | | | | |
| Silicon | | 7440-21-3 | 0-0.01% | U | No | Yes | Glass coating |
| None Found | No warnings found on HPD | | | | | | |
| Iron | | 7439-89-6 | 0-0.01% | U | No | Yes | Glass coating |
| None Found | No warnings found on HPD | | | | | | |