PAINT ON SCREEN / PRODUCT DOCUMENT

Safety Data Sheet

Paint On Screen Diamond | Roll-on and sprayable coating | United States

Product name	Paint On Screen Diamond
Product code	G00DIAMOND
Product type	Interior projection screen coating; roll-on and sprayable versions
Revision date	November 19, 2026
Supplier	Paint On Screen, 4779 Ewell Road, Fredericksburg, VA 22408, USA
Product contact	800-236-8015 | sales@paintonscreen.com | www.paintonscreen.com
Emergency telephone	800-236-8015

SECTION 2. HAZARD IDENTIFICATION

OSHA/HCS status: This mixture is classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification	Carcinogenicity, Category 1A; Specific target organ toxicity, repeated exposure (lungs), Category 1
Pictogram	Health hazard
Signal word	Danger
Hazard statements	May cause cancer. Causes damage to organs (lungs) through prolonged or repeated exposure.
Precautionary statements	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, eye or face protection, and protective clothing. Do not breathe vapor or spray mist. Wash thoroughly after handling. Keep out of reach of children. Store locked up.
Hazards not otherwise classified	None known.
California Proposition 65	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Kaolin	CAS 1332-58-7 | up to 10% by weight
Titanium dioxide	CAS 13463-67-7 | up to 5% by weight
Talc	CAS 14807-96-6 | up to 5% by weight
Crystalline silica, respirable	CAS 14808-60-7 | less than 1% by weight
Rheological additive	Sepiolite; proprietary formulation component
Additional product material	Real diamond micron powder | CAS 7782-40-3

The ingredient ranges above are the shared standard wall-coating composition. Diamond micron powder is additionally present in Diamond.

SECTION 4. FIRST-AID MEASURES

Inhalation	Move to fresh air. Support breathing. Get emergency medical attention for breathing difficulty or persistent symptoms. Oxygen should be administered only by trained personnel.
Skin contact	Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical advice if irritation persists.
Eye contact	Flush cautiously with water for at least 15 minutes, including under the eyelids. Remove contact lenses if present and easy to do. Get medical attention if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting. Get medical attention immediately.
Most important symptoms	Eye, skin, and respiratory irritation; prolonged or repeated inhalation of respirable crystalline silica may damage the lungs and cause cancer.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam, water fog, or carbon dioxide.
Specific hazards	Closed containers may rupture if exposed to extreme heat or fire.
Protective equipment	Firefighters should wear full protective clothing, eye protection, and self-contained breathing apparatus.
Hazardous combustion products	Carbon monoxide, carbon dioxide, acrylic monomers, vinyl acetate monomer, sodium oxide, acetaldehyde, and calcium oxides.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Comply with applicable health and environmental regulations. Ventilate the area and keep unnecessary personnel away. Avoid creating airborne dust or mist. Collect material into a suitable container; use absorbent to pick up residue. Spilled coating is extremely slippery. Keep material and cleanup residue out of drains and waterways. Dispose of collected material in accordance with Section 13.

SECTION 7. HANDLING AND STORAGE

Use only with adequate ventilation. Avoid contact with eyes and skin. Do not breathe vapor, spray mist, or dust created by sanding or abrading the dried film. Keep containers tightly closed and upright when not in use. Do not ingest. Wash hands after handling and before eating, drinking, or smoking. Keep out of reach of children.

Store below 100°F (38°C). Protect from freezing. Keep containers closed and store in a secure, well-ventilated area. Avoid conditions that create inhalable particles, including spraying and sanding. If such work cannot be avoided, use the controls and respiratory protection specified in Section 8.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control airborne concentrations below applicable occupational exposure limits. Provide adequate dilution ventilation or local exhaust, particularly during spraying, sanding, or other work that may generate mist or dust.

Respiratory protection	If exposure controls are insufficient or monitoring indicates a need, use a properly selected NIOSH/MSHA-approved respirator in accordance with 29 CFR 1910.134. Select the cartridge and particulate filter for the task and exposure assessment.
Eye / face protection	Safety glasses or goggles; provide an eyewash station.
Skin protection	Impervious gloves and protective clothing. Provide a safety shower where appropriate.
Hygiene	Wash hands and exposed skin after handling. Remove and launder contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid coating; Crystal White
Odor	Not available
pH	9
Density	11.45 lb/US gal (1.37 g/mL, approximate)
Specific gravity	1.38
Boiling point	Approximately 100°C (212°F)
Flash point	Not applicable / water-based mixture
VOC content	0 g/L, per standard wall-coating product data
Evaporation rate	0.09 (butyl acetate = 1)
Solubility	Water
Kinematic viscosity	Greater than 20.5 mm²/s at 40°C
Freezing point	Approximately 0°C (32°F)
Flammability	Not determined for mixture; water-based coating
Other properties	Odor threshold, vapor pressure, partition coefficient, auto-ignition temperature, and decomposition temperature: not available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No specific reactivity test data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Not expected under normal conditions of use.
Conditions to avoid	Freezing and extreme heat.
Incompatible materials	Chemical solvents.
Hazardous decomposition products	Not determined for the mixture; see Section 5 for combustion products.

SECTION 11. TOXICOLOGICAL INFORMATION

The mixture contains respirable crystalline silica. Inhalation of respirable crystalline silica may cause silicosis and cancer following prolonged or repeated exposure. The IARC classifies crystalline silica as carcinogenic to humans (Group 1); NTP lists it as a known human carcinogen. The mixture also contains titanium dioxide. IARC classifies titanium dioxide as possibly carcinogenic to humans (Group 2B) based on the available evidence.

Routes of exposure include inhalation, skin contact, eye contact, and ingestion. Sanding or abrading the dried coating may release respirable particles. No reproductive, mutagenic, or teratogenic effects are anticipated from the standard wall-coating mixture based on available product information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity, persistence and degradability, bioaccumulative potential, mobility in soil, and other adverse environmental effects have not been determined for this mixture. Prevent release to drains, soil, and waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Minimize waste generation. Dispose of contents, cleanup material, and containers in accordance with applicable federal, state, and local requirements. Use a licensed waste contractor where required. Do not discharge untreated product or wash water to sewers or waterways. Empty containers may retain residue and should be handled accordingly.

SECTION 14. TRANSPORT INFORMATION

U.S. DOT	Not regulated as dangerous goods under 49 CFR for water-based paint.
UN number	Not regulated.
Proper shipping name	Paint On Screen.
Transport hazard class / packing group	Not applicable.
Environmental hazards	Not determined.
Special precautions	Protect from freezing; keep containers closed and upright.

SECTION 15. REGULATORY INFORMATION

This product is classified under the OSHA Hazard Communication Standard (29 CFR 1910.1200). California Proposition 65 warning applies as stated in Section 2. Users are responsible for confirming applicable local and project-specific requirements.

SECTION 16. OTHER INFORMATION

Revision date	November 19, 2026
Notice	The information is provided for workplace safety and product handling. Follow the product label and current installation instructions.