

SAFETY DATA SHEET



SECTION 1. IDENTIFICATION

Product Name: Paint On Screen

Product Code: G001, G002, G005, G007, Silver, Diamond, V1 SilverLight, Black

Other Means of Identification: Radiant White, Theater White, S1 Screen Plus, S1 Ultimate Contrast, Silver Diamond, V1 SilverLight, Black

Product Type: Projection Screen Coating

Product Contact: Paint On Screen, 800.236.8015 www.paintonscreen.com, sales@paintonscreen.com 4779
Ewell Rd. Fredericksburg, VA 22401

SECTION 2. HAZARD(S) IDENTIFICATION

Chemical Name	Common Name	CAS. No.
limestone	limestone	1317-65-3
pumice	silicon oxide	1332-09-8
silicic acid, aluminum sodium salt	sodium aluminosilicate	1344-00-9
titanium oxide	titanium dioxide	13463-67-7
quartz	quartz	14808-60-7
nepheline syenite	feldspar-type minerals	37244-96-5
kieselguhr	diatomaceous earth, uncalcined	61790-53-2
ceramic materials and wares, chemicals	calcined kaolin clay	66402-68-4
water	water	7732-18-5
vinyl acetate/acrylic copolymer	vinyl acetate/acrylic copolymer	Sup. Conf.
acrylic resin	acrylic resin	Sup. Conf.

OSHA/HCS Status: Hazardous

Classification of Mixture: Heterogeneous

HAZARD Pictogram: Exclamation Mark - Irritant (skin and eye)

Signal Word: **Warning!**

Hazard Statements: Causes eye and skin irritation. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling.

Dispose of unused contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations



SECTION 3. COMPOSITION / INFORMATION on INGREDIENTS

CAS Number Identifiers

Common Name	CAS. No.	ACGIH-TLV				OSHA-PEL				S.R. Std.	S2	S3	CC	H	M	N	I	O
		8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S									
limestone	1317-65-3	10 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
silicon oxide	1332-09-8	.1 mg/m3	not est.	not est.	not est.	.1 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
sodium aluminosilicate	1344-00-9	10 mg/m3	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
titanium dioxide	13463-67-7	10 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	y	y	n
quartz	14808-60-7	.025 mg/m3	not est.	not est.	not est.	0.1 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	y	y	n
feldspar-type minerals	37244-96-5	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
diatomaceous earth, uncalcined	61790-53-2	not est.	not est.	not est.	not est.	6 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
calcined kaolin clay	66402-68-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
vinyl acetate/acrylic copolymer	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n

Footnotes:

C*Ceiling - Concentration that should not be exceeded, even instantaneously.

S*Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a=not applicable
not est*=not established
CC=CERCLA Chemical

ppm=parts per million
mg/m3=milligrams per cubic meter
Sup Conf*Supplier Confidential

S2*Sara Section 302 EHS
S3*Sara Section 313 Chemical
S.R.Std.*Supplier Recommended Standard

H*Hazardous Air Pollutant, M*Marine Pollutant
P*Pollutant, S*Severe Pollutant
Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no

Proprietary Formulation - Non Hazardous

Common Name: MICA



odourless Odour threshold no information available

pH 7,0 – 10,0 at 100 g/l 20 °C (slurry)

Melting point no information available

Boiling point no information available

Flash point not applicable

Evaporation rate no information available

Water solubility at 20 °C

Explosive properties not classified as explosive

Oxidising properties none

SECTION 4. FIRST AID MEASURES

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Wash thoroughly with soap and water. Repeated applications may be needed. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately

SECTION 5. FIRE-FIGHTING MEASURES

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide.

Closed containers may burst if exposed to extreme heat or fire.

Fire fighting procedures : Water may be used to cool and protect exposed containers.

Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide.

Vinyl acetate monomer acrylic monomers. Sodium oxide, acetaldehyde, oxides of calcium.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Ventilate area. Evacuate all unnecessary personnel. Place collected material in proper container. Spilled material is extremely slippery.

Use absorbent to pick up residue and dispose of properly.

SECTION 7. HANDLING AND STORAGE

WARNING! KEEP OUT OF REACH OF CHILDREN - DO NOT INGEST WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED.

WARNING! This product contains chemicals known to the state of California to cause cancer and births defects or other reproductive harm. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear an NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or logon to www.epa.gov/lead **USE ONLY WITH ADEQUATE**

VENTILATION! For additional safety information, refer to the Material Safety Data Sheet (MSDS) located at <http://www.paintonscreen.com> for this product. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact, flush immediately with large amounts of water, for at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, seek medical attention.

Precautions for Safe Handling: Store below 100f (38c). Keep from freezing

Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling,

especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible Exposure

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4). Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

Wood: WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.); Liquid White / Grey

Odor; NA

Odor threshold; NA

pH; NA

Melting point/freezing point; 160F / 32F

Initial boiling point and boiling range; 212F

Flash point; NA

Evaporation rate; < 0.4

Flammability (solid, gas); Not Est.

Upper/lower flammability or explosive limits; NA

VOC; <5 g/l

Resin Type; Acrylic Latex

% Solids by Volume; 54%

Solubility(ies); Water

Partition coefficient: n-octanol/water; NA

Auto-ignition temperature; NA

Decomposition temperature; NA

Viscosity. 100-110 KU

SECTION 10. STABILITY AND REACTIVITY

(a) Reactivity; NA

(b) Chemical stability; Stable

(c) Possibility of hazardous reactions; Not Est.

(d) Conditions to avoid (e.g., static discharge, shock, or vibration); Exposed to High Heat
Container May Burst

(e) Incompatible materials; Chemical Solvents

(f) Hazardous decomposition products. Not Est.

SECTION 11. TOXICOLOGICAL INFORMATION

Supplemental health information : No additional effects are anticipated
Carcinogenicity : Contains crystalline silica which is considered a hazard by inhalation. IARC has classified crystalline silica as carcinogenic to humans (group 1). Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. The national toxicology program (NTP) has classified crystalline silica as a known human carcinogen. In a lifetime inhalation study, exposure to 250 mg/m³ titanium dioxide resulted in the development of lung tumors in rats. These tumors occurred only at dust levels that overwhelmed the animals' lung clearance mechanisms and were different from common human lung tumors in both type and location. The relevance of these findings to humans is unknown but questionable. The international agency for research on cancer (IARC) has classified titanium dioxide as possibly carcinogenic to humans (group 2b) based on inadequate evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
Reproductive effects : No reproductive effects are anticipated
Mutagenicity : No mutagenic effects are anticipated
Teratogenicity : No teratogenic effects are anticipated

SECTION 12. ECOLOGICAL INFORMATION

- (a) Ecotoxicity (aquatic and terrestrial, where available); NA
- (b) Persistence and degradability; NA
- (c) Bioaccumulative potential; NA
- (d) Mobility in soil; NA
- (e) Other adverse effects (such as hazardous to the ozone layer). NA

SECTION 13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

49 CFR § 171.8 WATER BASED PAINT

- (a) UN proper shipping name; Paint On Screen
- (b) Transport hazard class(es); Not Regulated
- (c) DOT UN Number: Not Regulated
- (d) DOT Hazard Class: Not Regulated

SECTION 15. REGULATORY INFORMATION

CALIFORNIA PROP. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16. OTHER INFORMATION

The date of preparation of the SDS or the last change to it. 6/28/16

HEALTH 1

FLAMMABILITY 0

INSTABILITY 0
