SAFETY DATA SHEET

1. Identification

Product identifier **USG® Translucents™ Luminous Infill Ceiling Panels**

Other means of identification

SDS number 43000005003

Recommended use Interior use.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name USG Interiors, LLC

Address 550 West Adams Street
Chicago, Illinois 60661-3637

Telephone 1-800-874-4968

Website www.usg.com

Emergency phone number 1-888-586-4267

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Combustible dust

Label elements

Hazard symbol None.

Signal word Warning

Hazard statement May form combustible dust concentrations in air.

Precautionary statement

Prevention Prevent dust accumulation to minimize explosion hazard. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Observe good industrial hygiene practices.

Response Take off contaminated clothing and wash before reuse.

Storage Store away from incompatible materials.

Disposal Dispose of in accordance with local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information This product as supplied is not classified as a health hazard under the OSHA Hazard Communication Standard (29 CFR 1910.1200). However, under processing conditions, it may become a health hazard to employees because vapors and/or particulates could be released. See Section 7 for Storage and Handling information

3. Composition/information on ingredients

Substances

Chemical name	Common name and synonyms	CAS number	%
Copolyester		25640-14-6	100

Composition comments One or more of the following co-components may be present in trace amounts: Polyester, Rayon, Nylon, Aluminum, Raime, Cotton, Silk, Natural straw or foliage, Paper, Glass, Natural Shells, Wood, Bamboo.

4. First-aid measures

Inhalation If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Skin contact	If burned by contact with molten material, cool as quickly as possible with cold water. Do not peel material from skin. Get medical attention for thermal burn.
Eye contact	If molten material or dust contacts the eye, immediately flush with water for at least 15 minutes. Call a physician.
Ingestion	Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.
Most important symptoms/effects, acute and delayed	Under normal conditions of intended use, this material does not pose a risk to health.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved.

5. Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, dry chemical or water.
Unsuitable extinguishing media	Not applicable.
Specific hazards arising from the chemical	Product is combustible thermoplastic material that burns vigorously with intense heat.
Special protective equipment and precautions for firefighters	Wear self-contained, positive pressure breather apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
Fire fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Cool material exposed to heat with water spray and remove it if no risk is involved. In the United States of America, refer to NFPA® Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	Where possible allow molten material to solidify naturally. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.
Environmental precautions	Do not allow to enter drains, sewers or watercourses.

7. Handling and storage

Precautions for safe handling	Processing of the material under high temperatures will cause hazardous emissions of vapors, carbon monoxide, or carbon dioxide. Blower collecting and local exhaust ventilation systems should be installed to prevent contaminant dispersion into the air. Sawing of this product generates particulates regulated as “inert” or “nuisance” dusts. To minimize dust emissions, engineering controls should be employed, such as baghouse filters and cyclone separators.
Conditions for safe storage, including any incompatibilities	If material is stored under ambient temperature conditions, it is not hazardous. However, extensive storing at higher than the maximum temperature will emit vapors, carbon monoxide or carbon dioxide. Maximum storage temperature: 210°F / 99°C (softening temperature).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Additional components	Type	Value	Form
Dust	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Additional components	Type	Value	Form
Dust	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Additional components	Type	Value	Form
		15 mppcf	Respirable fraction.

US. ACGIH Threshold Limit Values

Additional components	Type	Value	Form
Dust	TWA	3 mg/m3	Respirable particles.
		10 mg/m3	Inhalable particles.

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Local exhaust ventilation system should be constructed and installed in accordance with ANSI Z9.2 or ACGIH guidelines to control potential emissions near the source.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear a face shield or safety glasses with side shields when working with molten material, or when sawing, cutting, or routing the material.

Skin protection

Hand protection Wear cotton or canvas gloves to protect against thermal burns, cuts, or abrasions to the hands.

Other Wear appropriate thermal protective clothing, when necessary.

Respiratory protection No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Thermal hazards Molten plastic can cause severe thermal burns.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke.

9. Physical and chemical properties

Appearance

Physical state Solid.

Form Panel.

Color Various.

Odor Slight.

Odor threshold Not applicable.

pH Not applicable.

Melting point/freezing point Not applicable.

Initial boiling point and boiling range Not applicable.

Flash point Not applicable.

Evaporation rate Not applicable.

Flammability (solid, gas) Non flammable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not applicable.

Flammability limit - upper (%) Not applicable.

Explosive limit - lower (%) Not applicable.

Explosive limit - upper (%) Not applicable.

Vapor pressure Not applicable.

Vapor density Not applicable.

Relative density 1.27 (H2O=1)

Solubility(ies)

Solubility (water) Negligible.

Partition coefficient (n-octanol/water) Not applicable.

Auto-ignition temperature	849 °F (453.89 °C) (ASTM E659)
Decomposition temperature	Not applicable.
Viscosity	Not applicable.
Other information	
Bulk density	79 lb/ft³
Softening point	210 °F (98.89 °C)
VOC (Weight %)	0 g/l

10. Stability and reactivity

Reactivity	The product is stable and non reactive under normal conditions of storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Temperatures over 570 °F (300 °C).
Incompatible materials	Acids. Bases. Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition or combustion may emit vapors, carbon monoxide, or carbon dioxide.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Inhalation of vapors from heated product can cause nausea, headache, dizziness, as well as irritation of the lungs, nose and throat.
Skin contact	Molten material will produce thermal burns.
Eye contact	Vapors from heated product can irritate the eyes.
Ingestion	Low hazard associated with normal conditions.
Symptoms related to the physical, chemical and toxicological characteristics	Under normal conditions of intended use, this material does not pose a risk to health.

Information on toxicological effects

Acute toxicity	No information, but adverse effects unlikely.
Skin corrosion/irritation	Molten material will produce thermal burns.
Serious eye damage/eye irritation	Vapors from heated product can irritate the eyes.
Respiratory or skin sensitization	
Respiratory sensitization	No information, but adverse effects unlikely.
Skin sensitization	No information, but adverse effects unlikely.
Germ cell mutagenicity	No information, but adverse effects unlikely.
Carcinogenicity	No information, but adverse effects unlikely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity	No information, but adverse effects unlikely.
Specific target organ toxicity - single exposure	No information, but adverse effects unlikely.
Specific target organ toxicity - repeated exposure	No information, but adverse effects unlikely.
Aspiration hazard	Due to the physical form of the product it is not an aspiration hazard.

12. Ecological information

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	No data is available on the degradability of this product.

Bioaccumulative potential	Bioaccumulation is not expected.
Mobility in soil	Not available.
Other adverse effects	Ecological damages are not known or expected under normal use.

13. Disposal considerations

Disposal instructions	Landfill, recycle, or incinerate at a facility that complies with local, state and federal regulations.
Hazardous waste code	Not regulated.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
The components of this product are on the TSCA inventory list. Any impurities present in this product are exempt from listing.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)	Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other information, including date of preparation or last revision

Issue date	07-March-2016
Revision date	-
Version #	01
Further information	NFPA Ratings: Health: 1 Flammability: 1 Physical hazard: 0 NFPA Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
NFPA ratings	
Disclaimer	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.