

FLOOR SIGNAGE, LLC

MATERIAL SAFETY DATA SHEET

AlumiGraphics® Glow Grip



Health 0
Flammability 0
Reactivity 0

Section I Product Description

Reflective glass beads & photoluminescent particles, and white print receptive coating applied to aluminum for base with pressure sensitive adhesive backing.

Section II Hazardous Ingredients

Contains no hazardous ingredients. No components of this product are SARA Title III reportable substances.

Section III Physical and Chemical Properties

Whiteness(Wb): ≥ 94.6
Odor Odorless
Flash Point N/A
Solubility..... Insoluble in Water
Vapor Density N/A
Evaporation Rate N/A
Percent Volatile N/A

Section IV Fire and Explosion Data

Flammable Limits N/A
Extinguishing Media Dry chemical, CO₂, foam or water fog
Unusual Fire Hazards Fire may cause evolution of dense smoke, which is irritating to nose, throat and upper respiratory system.
Special Firefighting Procedures...N/A

Section V Reactivity Information

Stability Stable
Incompatibility None Known
Hazardous Decomposition Products None Known

Section VI Health Hazard Information

Route of Entry Inhalation
Health Hazard (Acute & Chronic) None
Carcinogenic Potential None
Signs and Symptoms of Exposure..... None
Medical Conditions Aggravated by Exposure ... None

Section VII Handling and Precautions

Waste Disposal Method May be disposed of in approved landfill or in aluminum recycling in accordance with federal, state and local regulations
Precautions to be Taken in Handling and Storage No special precautions

Section VIII Control Measures

Respiratory Protection None required under normal usage
Eye Protection Safety glasses or goggles recommended
Protective Gloves Recommended

Section IX Physical Properties

Storage.....Product can safely be stored for twelve (24) months in original packaging, laying flat with rolls suspended in a cool, dry area 50° – 90°F / 10° - 32°C.
Thickness.....Film 12.5 mil.
Adhesive 2 mil.
84# Liner 5.5 mil.
Service Temperature Range.....-40° - 302°F / -40°C - 150°C
Minimum Application Temperature.....50°F / 10°C or warmer
Surface Burning Certification.....ASTM E84-15b (NFPA 225, ANSI/UL 723, UBC 8-1)
Coefficient of Friction Certification.....ANSI A137.1, UL 410, ASTM D2240-05, HB198:2014.

Section X Mechanical Properties

Tensile strength ≥ 62 to 83 MPa
Elongation at break ≥ 10 to 18%
Shrinkage lengthwise ≤ minimal as properties of aluminum do not afford much shrinkage (vs. a plastic film or vinyl)
Shrinkage crosswise ≤ minimal as properties of aluminum do not afford much shrinkage (vs a plastic film or vinyl)
Density 2,713 kg/m³
Melting point + 650°C
Reflectivity AlumiGraphics Grip reflectivity is measured by a retroreflectometer reported in millicandelas per square meter per lux. The reading is 130 mcd (millicandelas) = 3.25 lux.

The information on the Material Safety Data Sheet reflects the latest information and data that we have on the hazards, properties and handling of this product under the recommended conditions of use. Any modifications of product use or method of application is the responsibility of the user. Seller makes no other warranty or representation of any kind, expressed or implied, concerning this product. This Material Safety Data Sheet was prepared in compliance with the OSHA Hazard Communication Standard.