

One Part Acrylic ESD Vinyl Tile Adhesive Application Instructions & MSDS



Figure 1. Statguard® One Part Acrylic ESD Vinyl Tile Adhesive

Description:

One Part [81520](#) is an acrylic base conductive adhesive for the installation of Statguard® ESD Pure Vinyl Tile over clean, smooth substrates.

Limitations:

1. Keep from freezing in transit and storage. If frozen, allow to return to room temperature without stirring.
2. Do not use when the substrate temperature is below 15°C (59°F) or above 30°C (86°F).
3. For interior installations only
4. Do not use for the installation over impervious surfaces. For such installation, refer to 81521 Two Part Conductive Adhesive.

Directions:

Remove the lid from the container and apply directly from the container.

Application:

- Using a 1/16" x 1/16" x 1/16" U-notched trowel, apply the adhesive evenly to the floor.

- Start laying the Statguard® ESD Pure Vinyl Tile after 10 minutes allowing the moisture to flash off. Laying of the tiles must start no later than 20 minutes. After the moisture has been allowed to flash off, lay the tile into the adhesive (do not force the tiles together tightly, rather place them so that the seams are just touching). Take care to use kneeling boards or work off of the tile whenever possible. The adhesive is still workable if it is wet and transfers to the fingers when touched. Ensure that the adhesive has transferred to the back of the tile by lifting the corners.

- Avoid trapping air bubbles by cross rolling the floor with a 100 pound sectional.

Clean Up:

- Clean excess adhesive off the tile and tools using soap and water. Dry adhesive is more difficult to remove.

Caution:

- Keep from freezing.

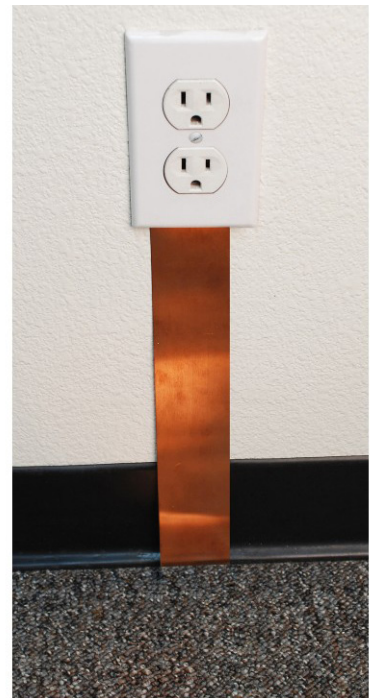
Coverage:

- One part [81520](#) conductive adhesive covers up to 155 sq. ft. per U.S. gallon.

Note: Coverage quantities shown are approximate and given for estimating purposes only. Actual job site coverage may vary according to substrate conditions.

Grounding:

Statguard recommends installing one copper grounding strip per 1,000 square feet throughout the installation. A thin coating of adhesive should be applied on top of grounding strip to ensure good contact with tile backing.



81524 Copper Grounding Strip in use

MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet

May be used to comply with ANSI Z400.1-2004, 29 CFR 1910.1200, European 2001/58/EC, REACH 1907/2006/EC, and GHS. Standard must be consulted for specific requirements.

NFPA Designation 704

Degree of Hazard

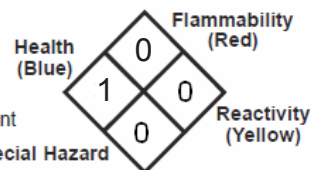
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



HMIS RATING: Health 1, Flammability 0, Physical Hazard 0, Personal Protection B

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Identity: One Part Acrylic ESD Vinyl Tile Adhesive
Description: Solvent-Free Conductive Adhesive
Product Use: Conductive Floor Covering Adhesive
WHMIS Classification: Not Controlled
Transport: Not Regulated
Supplier: Desco Industries, Inc
Address: One Colgate Way
Canton, MA 02021
Telephone: 781-821-8370
Emergency Number: 781-821-8370
Date Prepared: 2010-02-04

SECTION 2 — HAZARDS IDENTIFICATION

Routes of Entry

Eyes: Contact can cause eye irritation to sensitive people.
Skin: Contact can cause skin irritation to sensitive people.
Ingestion: Nausea, vomiting, griping, and diarrhea.
Inhalation: Inhalation can cause nose and throat irritation to sensitive people.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

*This product contains no hazardous ingredients as defined by U.S. OSHA hazard communication standard – 29 CFR 1910.1200 or section 13 of the Canadian Hazardous Products Act. U.S. OSHA and Health Canada do not regulate this product as a hazardous substance. This data sheet is provided as a courtesy to guide proper handling of the material and safe work practices in general.

SECTION 4 — FIRST AID MEASURES

Effects of Overexposure: Allergies, skin and respiratory disorders. Product sensitivity.

Emergency and First Aid Procedures:

Eye Contact: Flush with cool water for 15 minutes while holding eyelids open. If irritation persists, seek medical attention immediately.
Skin Contact: Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.
Ingestion: Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.
Inhalation: Remove to fresh air. If not breathing, trained personnel should initiate artificial respiration. Get immediate medical attention.

SECTION 5 — FIREFIGHTING MEASURES

Flammable:	No
Proper Extinguishing Media:	Water, foam, dry chemical, carbon dioxide.
Unsuitable Extinguishing Methods:	N/A
Protective Equipment & Precautions:	Wearing of appropriate protective equipment and clothing
Flash Point (<i>Method Used</i>):	NE
Flammable Limits:	N/A
Special Fire Fighting Procedures:	Wear standard fire fighting gear with self-contained breathing apparatus. Product will not burn until all water content has evaporated.
Unusual Fire and Explosion Hazards:	Some decomposition products may be harmful.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Waste Disposal Method:	Dispose of in accordance with local, state, and federal regulations governing your location.
Other information:	All ingredients are listed within the US TSCA and Canadian DSL.
If Material is Released/Spilled:	While using appropriate protective equipment, place spilled material in poly drum, or container required by local disposal company, and store in a safe place until material can be disposed of in accordance with regulations.

SECTION 7 — HANDLING AND STORAGE

Handling:	Keep container closed when not in use. Use adequate ventilation to avoid breathing vapors when cover is removed. Avoid prolonged skin contact. Remove contaminated clothing immediately. Wash hands after each use and before eating
Storage:	Store at 60-95°F (15-35°C) and out of the sun.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters:	TLV-valve 400 ppm maximum for Isopropanol
Measures for Technical Control:	Preferences of technical measure to prevent or control contact with the product. Isolating process and personnel, mechanical ventilation (dilution and local exhaust) and the regulation of process conditions. In case of non-prevention or non-control, a proper protective wearing should be used.
Respiratory Protection (<i>Specify Type</i>):	If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator is required in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.
Hand Protection:	Impervious Nitrile, rubber, or better gloves.
Eye Protection:	Safety glasses or goggles as necessary to prevent eye contact.
Other Protective Clothing or Equipment:	As needed to minimize contact with skin.
Ventilation:	Local Exhaust: Use in WELL VENTILATED areas only. Mechanical: Use only intrinsically safe devices.
Work/Hygienic Practices:	Wash hands before eating, smoking, or using washroom facilities

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste
Color:	Black
Odor:	Slight latex odor
Boiling Point:	212°F (100°C)
Melting Point:	N/A
Specific Gravity (H₂O = 1):	1.15
Solubility in Water:	Dispersible
Volatile Matter (% Vol.):	Not determined
VOC (calculated) g/L:	40
pH:	7.5-8.5
Flash Point:	Noncombustible
Flammability Limits: (vol. % in air)	NE
Vapor Pressure (mm Hg):	NE
Vapor Density (air=1):	NE
Density at 20°C:	N/A
Flammability:	Classification according to EC-regulations "non-flammable"
Ignition Temperature:	N/A
Evaporation Rate:	Same as water

SECTION 10 — STABILITY AND REACTIVITY

Hazardous Polymerization:	Will not occur
Hazardous Decomposition/Byproducts:	Thermal decomposition may yield carbon monoxide, carbon dioxide, oxides or nitrogen, and other unidentified organic compounds.
Incompatibility (<i>Materials to Avoid</i>):	Avoid contamination with strong acids, bases, and oxidizing agents.
Stability/Reactivity:	Stable product at normal conditions.
Conditions to Avoid:	None known

SECTION 11 — TOXICOLOGICAL INFORMATION

None known

SECTION 12 — ECOLOGICAL INFORMATION

No environmental hazards have been reported or known.

Mobility:
Degradability:
Bioaccumulation:
Ecotoxicity:
Reference to BimSchV:
Hazard Classification:

SECTION 13 — DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with local, state, and federal regulations governing your location.

SECTION 14 — TRANSPORT INFORMATION

This product is not classified for transport under ADR/IMDG regulations

SECTION 15 — REGULATORY INFORMATION

Physical/Chemical Indication:	Non-flammable
WHMIS	Not controlled
Risk-Phrase:	
Safety-Phrase:	
EU Classification:	
(67/548/EEC-88/379/EEC):	
EINECS Status:	All components are included in the EINECS inventories.
REACH:	
TSCA and Canadian DSL	All ingredients are listed.

SECTION 16 — OTHER INFORMATION

HMIS RATING: Health 1, Flammability 0, Physical Hazard 0, Personal Protection B

Disclaimer

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N/A = Not Applicable; NE = None Established