

Stewart & Stevenson recommends

# TrackGlass

Traction Enhancing Media for Mobile Railcar Movers



## TrackGlass from glassAdvantage Inc

The Most Effective and Economical Steel  
on Steel Traction Media on the Market

### Benefits

#### Easier to Use

- TrackGlass does not absorb moisture and clog hoppers when wet as other media does.

#### Most Effective

- Due to its angular shape TrackGlass provides effective traction for mobile rail car movers.
- Specially designed to work effectively in any rail yard applications where extra traction is essential.
- Helps lower maintenance costs by reducing wheel slip.

#### Environmentally Friendly

- Customers in the grain milling and food industries appreciate the non-hazardous MSDS performance.
- TrackGlass is non-toxic, odorless, non-flammable, and non-sparking.
- No free silica or heavy metal.
- Every ton of glass recycled can save up to one ton of natural resources.
- Reduces need for landfill expansion



#### Available in:

50 lb bags [part number 24900172]

400 lb drum [part number 24900173]

*Sold individually, or by the pallet.*

To re-order this product:  
Contact Stewart & Stevenson or your  
local authorized Rail King distributor.

### Stewart & Stevenson Rail King

Phone: 713-671-6300

Fax: 713-880-7382

8787 East Freeway

Houston, Texas 77029

or email to [railing@ssss.com](mailto:railing@ssss.com)

## TrackGlass Process



Post-consumer glass, in the form of bottles, broken windows, and various other waste glass, is the basic ingredient of TrackGlass.



The glass is crushed into small pieces, which are fed into a burner that heats and tumbles the glass until all the labels and other unwanted materials burn off, leaving clean, tumbled glass pieces.



The tumbled pieces are sent through strong magnets to filter out any metal pieces and other debris, and are then crushed into the desired size.



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**Rail King**<sup>®</sup>  
MOBILE RAILCAR MOVER



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# Material Safety Data Sheet

## Section I. PRODUCT INFORMATION

Product Name: Track Glass

Chemical Name: Soda-Lime Silicon Dioxide Glass

Description: Pigmented epoxy-coated recycled glass aggregate

DOT Identification: Not regulated by DOT

## Section II. HAZARDOUS INGREDIENTS

Glass sand is not classified as hazardous material by the criteria of the OSHA Hazard Communication Standard Title 29, Code of Federal Regulations, Section 1910.1200 Hazard Communication.

Contains no free (or crystalline) silica; all components are amorphous/non-crystalline; chemicals used to produce glass are not available to the environment unless the product is heated above 2,000°F or ground to an extremely fine particle size.

Nuisance dust concern only.

Coating is an aqueous-based, two-part epoxy system; Part A modified bisphenol A-ECH resin; Part B modified epoxy amine adduct.

Pigments added to resin are commercially available pigments compatible with epoxy.

Dried pigments contain organic and inorganic compounds that are trade secrets.

## Section III. PHYSICAL DATA

Boiling Point °F: Approx. 2500°

Solubility in Water: Insoluble

Specific Gravity: 2.5

Vapor Pressure: N/A

Evaporation Rate: N/A

% Volatile by Volume: N/A

Vapor Density: N/A

Melting Point: Approx. 1000° to 1500° F

Appearance & Odor: Odorless, transparent, or colored to particulate

## Section IV. FIRE & EXPLOSION DATA

Flash point of resin >200°F; glass is non-flammable and non-hazardous inorganic material

## Section V. REACTIVITY DATA

Stability: Material is stable under normal conditions

Hazardous Polymerization: Will not occur

Materials to Avoid: Hydrofluoric Acid and other strong oxidizing agents.

Hazardous Decomposition Products: None

## Section VI. HEALTH HAZARD DATA

Nuisance dust (total): 10mg/m<sup>3</sup> TLV (units) depends upon particle size

Nuisance dust (Respirable): 5mg/m<sup>3</sup> TLV (units) depends upon particle size

Routes of entry: Lungs (breathing): Yes

Ingestion: No

Skin: No

Health Hazard (Acute & Chronic): Dust in excess of recommended exposure limits may result in irritation to the respiratory tract.

Carcinogenicity: NTP Not Listed

IARC Monographs: Not Listed

OSHA Regulation: Not Listed

Signs & Symptoms of Exposure: Eye and respiratory irritation may result if recommended exposure limits are exceeded.

Medical Conditions Generally Aggravated by Exposure: Chronic Lung conditions may be aggravated by exposure to high concentrations of dust.

Emergency & First Aid Procedures: Eyes: Flush thoroughly with water. See a physician if discomfort persists.

Respiratory: Remove to fresh air

## Section VII. PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case of material spill: Sweep up and discard; avoid excessive dusting.

Precautions for handling & storing: Spillage may result in slippery conditions. When transferring material, care should be taken to avoid dusting

This material is not a SARA Title III reportable substance.

## Section VIII. CONTROL MEASURES

Respiratory protection: If dust concentrates exceeded recommended

Permissible Exposure Limits, use NIOSH-approved respirators.

Ventilator: Local exhaust

Protective Gloves: None

Eye Protection: NIOSH-approved safety glasses or goggles (tight fitting recommended)

Other Protective Clothing or Equipment: None required.