



Safety Data Sheet (2015 GHS Compliant)

SECTION 1: PRODUCT AND IDENTIFICATION

Product Name: Spec-Gard® and Enhanced Spec-Gard® Adhesive Closure Bags

Supplier: Minigrip, LLC
161 Kimball Bridge Road, Suite 300
Alpharetta, GA 30009
Product and MSDS Information: (800) 533-1931

SECTION 2: HAZARD IDENTIFICATION

This material is NOT HAZARDOUS under OSHA Hazard Communication definition (29 CFR 1910.1200):

NFPA®: Health – 1 Flammability – 1 Instability – 0
HMIS®: Health – 1 Flammability – 1 Reactivity – 0

SECTION 3: COMPOSITION / INFORMATION ON THE INGREDIENTS

A film produced from a blend of one or more of the following brand-specific polyethylene polymers and copolymers:

<u>Name</u>	<u>CAS#</u>	<u>Composition</u>
<u>BAG FILM</u>		
Polyethylene, homopolymer	9002-88-4	Proprietary
Ethylene / Butene-1, copolymer	25087-34-7	Proprietary
<u>RELEASE LINER</u>		
PET release liner	25038-59-9	Proprietary
Silicone oil	2627-95-4	Proprietary
<u>ADHESIVE – Hot Melt Pressure Sensitive Adhesive</u>		
SIS	25038-32-8	20 – 35%
Napthenic oil	64742-52-5	10 – 25%
Paraffin oil	64742-54-7	10 – 25%
Petroleum resin	26813-14-9	30 – 50%
Rosin ester	8050-26-8	20 – 40%
Antioxidant	6683-19-8	1 – 5%

The product film may contain varying levels of additives such as slip and anti-blocking agents, antioxidants and stabilizers. No reportable hazardous substance (s) or complex substances (s).



SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water. Seek medical attention if discomfort persists. For adhesive, do not attempt to remove solidified adhesive. Seek medical attention immediately.

Skin: If contact with molten material, flush with large amounts of water to cool the affected tissue and polymer. Cover with clean cotton sheeting or gauze and get prompt medical attention.

Inhalation: No adverse effects due to ingestion are expected.

Ingestion: No adverse effects due to ingestion are expected.

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:

Classification: Not Classified. Polymer will burn but does not easily ignite.

Flash Point: Film and release liner components – not applicable. Adhesive component - >260°C (Cleveland Open Cup Method).

Auto-Ignition Temperature: Not applicable

Lower Flammable Limit: N/D.

Upper Flammable Limit: N/D.

Extinguishing Media: Use water fog, foam, dry chemical or CO₂ to extinguish flames.

Protection of Firefighters:

Protective Equipment/Clothing: Wear standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Fire Fighting Guidance: Assure an extended cooling down period to prevent re-ignition. Evacuate area. Prevent run off from fire control or dilution from entering streams, sewers, or drinking water supply. Use water spray to cool fire exposed surfaces. High levels of polyolefin dust particles in the atmosphere are combustible and may be explosive.

Hazardous Combustion Products: Smoke, fumes, incomplete combustion products, Oxides of carbon, Flammable hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid generating dust. Pick up and retain dropped material for recycle or disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Keep away from heat, sparks, open flame, or any ignition source.

Storage: Store away from excessive heat and away from strong oxidizing agents. Store in cool, dry place (< 85 deg F) with adequate ventilation and absence of direct sunlight.



SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: Not normally required. Ventilate area to prevent accumulation of dust. Adequate ventilation and / or engineering controls are required when product is heated to prevent exposure to potentially toxic / irritating fumes.

Personal Protection: A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever exposure to airborne contaminants are likely to exceed limits for nuisance dust. Wear heat protective gloves and clothing if there is a potential for contact with heated material. Protective clothing such as long sleeves or a lab coat should also be worn. Safety glasses or dust service goggles should be worn to prevent mechanical injury or other irritation to eyes due to airborne particles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

Color: Translucent.

Odor: None to mild hydrocarbon odor.

pH: Not applicable.

Boiling Point/Boiling Range: Not applicable.

Melting Point: 95 - 120 °C.

Freeze Point: Not known.

Auto-ignition: 260 °C (500 °F) – ASTM D1929

Evaporation Rate: Not applicable.

Additional Physical and Chemical Properties: No additional information available.

Relative Vapor Density: Not applicable.

Viscosity: Not applicable.

Odor Threshold: No value available.

Solubility (Water): Insoluble.

Flash Point: Not applicable.

Vapor Pressure: Not applicable.

Flammability: N/D.

Relative Density: 0.91 - 0.94 (water=1)

SECTION 10: STABILITY AND REACTIVITY

Stability: Material is stable under normal conditions. Avoid prolonged exposure to temperatures above 260 degrees C (500 F).

Conditions to Avoid: Avoid elevated temperatures and excessive heat for prolonged periods of time.

Materials to Avoid: Strong acids and oxidizing agents.

Decomposition Products: Material does not decompose at ambient temperatures.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Product is non-toxic by composition.

SECTION 12: ECOLOGICAL INFORMATION

The information provided is based on data available for the material, the components of the material, and similar materials.

Biodegradation:

Material is not expected to be readily biodegradable.

Bioaccumulation:

Potential to bio-accumulate is low.



Mobility:	Low solubility and floats. Expected to migrate from water to land.
Hydrolysis:	Transformation due to hydrolysis not expected to be significant.
Photolysis:	Transformation due to photolysis not expected to be significant.
Atmospheric Oxidation:	Transformation due to atmospheric oxidation not expected to be significant.

SECTION 13: DISPOSAL CONSIDERATIONS

Use only licensed transporters and permitted facilities for waste disposal. Comply with federal, state, or local regulations for disposal. Reclaim where possible.

SECTION 14: TRANSPORT INFORMATION

US Department of Transportation Classification: Product is not D.O.T regulated.

SECTION 15: REGULATORY INFORMATION

HCS Classification: No components controlled under the HCS (United States).

U.S. Federal Regulations:

TSCA 9 (b) inventory :	Components listed.
SARA 302 / 304	No components listed.
SARA 311 / 312	No components listed.
SARA 313	No components listed.

State Regulations:

California Prop. 65:	No components found.
CONEG:	No components listed.
	No components listed.

SECTION 16: OTHER INFORMATION

DISCLAIMER OF RESPONSIBILITY

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