

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.

NFPA Designation 704

Degree of Hazard

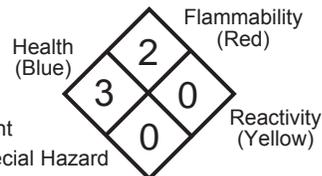
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



HMIS RATING: Health: 3 Reactivity: 0 Flammability: 1 Personal Protection: B Goggles, Gloves

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product information

Commercial Product Name: Statshield® Foil Moisture Barrier Bags
Company: Desco
One Colgate Way
Canton, MA 02021
Phone: (781) 821-8370
Fax: (781) 575-0172
Date Prepared: 2012-07-26

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	WEIGHT %
Polyethylene Film	9002-88-4	60-85
Polyethylene Terephthalate Film	25038-59-9	10-35
Adhesive	Various	2-5
Quaternary Ammonium Compound	Trade Secret	<1
Aluminum Alloy	Not Available	<1

Trace impurities and additional material names not listed above may also appear in Section 15 towards the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

SECTION 3 — HAZARDS IDENTIFICATION

Emergency Overview: A metallized plastic film laminate. Not considered hazardous under normal usage. Can release irritating and/or toxic vapors at elevated processing temperatures or if involved in a fire.

Skin: Not considered hazardous.

Eyes: Not considered hazardous. May cause mechanical irritation if film comes into contact with the eye.

Inhalation: Not a route of exposure under normal usage. Elevated processing temperatures may release irritation vapors.

Ingestion: Not a route of exposure. Not considered hazardous.

Delayed Effects: None known.

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

SECTION 4 — FIRST AID MEASURES

Skin: None needed.

Eyes: None needed under normal usage. If material comes into contact with eye, flush eyes with water while holding eyelids apart to ensure complete irrigation.

Inhalation: None needed under normal usage. If exposed to vapors at elevated processing temperatures, remove to fresh air.

Ingestion: None needed.

Advice to Physician: None.

SECTION 5 — FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point: Not applicable.
Flash Point Method: Not applicable
Auto Ignition Temperature: Not determined
Upper Flame Limit: Not applicable. Non-volatile solid.
(volume % in air)
Lower Flame Limit: Not applicable. Non-volatile solid.
(volume % in air)
Flame Propagation Rate (solids): Not determined.
OSHA Flammability Class: Not determined.
Extinguishing Media: Carbon dioxide, dry chemical, foam, water or other agents as appropriate for materials in surrounding fire.
Unusual Fire and Explosion Hazards: None.
Special Fire Fighting Precautions/Instructions:
Wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

In Case of Spill or Other Release: (Always wear recommended personal protective equipment.) Collect and place in a solid waste container.

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements

SECTION 7 — HANDLING AND STORAGE

Normal Handling: (Always wear recommended personal protective equipment.) Use normal personal hygiene and good housekeeping.
Storage Recommendations: Store in a cool, dry area, away from direct heat or sunlight.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls: General room ventilation plus local exhaust at points of fume generation to maintain exposure below the PEL/TLV exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Skin Protection: Not normally required. Use heat resistant gloves if handling melted material.
Eye Protection: As a general practice in manufacturing areas, safety glasses that conform to ANSI Z87.1 should be worn.
Respiratory Protection: Under normal usage, not normally required. A NIOSH/MSHA approved respirator should be worn in areas where the PEL/TLV is exceeded.
Additional Recommendations: None.

EXPOSURE GUIDELINES

INGREDIENTS NAME	ACGIH TLV	OSHA PEL	OTHER LIMIT
1. Particulates	TWA = 10 mg/m ³ Total Dust TWA = 3 mg/m ³ Respirable Dust	TWA = 15 mg/m ³ Total Dust TWA = 5 mg/m ³ Respirable Dust	N/A

* =Limit established for internal use.

** =Workplace Environmental Exposure Level (AIHA).

*** =Biological Exposure Index (ACGIH).

Other Exposure Limits for Potential Decomposition Products:
None.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Metallized plastic film
Physical State:	Solid
Odor:	None
Specific Gravity (water = 1.0):	1.0 – 1.1
Solubility in Water (weight %):	Negligible
PH:	Not applicable
Boiling Point:	Not applicable
Melting Point:	221 - 257°F (105 – 125 °C).
Vapor Pressure:	Negligible at room temperature
Vapor Density (air = 1.0):	Not determined
Evaporation Rate:	Not determined. COMPARED TO: Not applicable
% Volatiles:	Negligible
Flash Point:	Not applicable

(Flash point method and additional flammability data are found in Section 5)

SECTION 10 — STABILITY AND REACTIVITY

Normally Stable?: (Conditions to Avoid)	Normally stable. Avoid exposure to open flame or temperatures exceeding 455 °F (235 °C). The maximum temperature to which the film can be exposed will vary with exposure (dwell) time. Desco should be contacted if questions arise concerning specific processing conditions.
Incompatibilities:	Strong oxidizers
Hazardous Decomposition Products:	Thermal decomposition products may include carbon monoxide, carbon dioxide, organic acids, aldehydes, alcohols and other combustion by-products (oxidized and non-oxidized hydrocarbons).
Hazardous Polymerization:	Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity:	None Known
Special Effect:	None Known
Other Data:	None

SECTION 12 — ECOLOGICAL INFORMATION

Material is considered inert and not expected to be biodegradable or toxic.

SECTION 13 — DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded? No. If yes, the RCRA ID number is: Not applicable.

OTHER DISPOSAL CONSIDERATIONS:

Dispose of in compliance with Federal, state, and local government regulations. Usually considered an inert packaging material that can be recycled or land filled.

The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

SECTION 14 — TRANSPORT INFORMATION

US Dot Hazard Class: Not regulated
US Dot ID Number: Not applicable

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

SECTION 15 — REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

TSCA Inventory Status: All components are listed on the TSCA Inventory
Other TSCA Issues: None

SARA TITLE III/CERCLA

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities (TPQ's) exists for the following ingredients.

INGREDIENT NAME	SARA/CERCLA RQ (lb)	SARA EHS TPQ (lb)
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No ingredients listed in this section

Spills resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

Section 311 Hazard Class: None

The following ingredients are SARA 313 "Toxic Chemicals". CAS numbers and weight percents are found in Section 2.

INGREDIENTS NAME	COMMENT
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No ingredients listed in this section

STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

INGREDIENT NAME	WEIGHT%	COMMENT
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No ingredients listed in this section

ADDITIONAL REGULATORY INFORMATION:

This product is not intended to be used in any application which places the product in direct contact with the human body, or in other FDA governed applications, unless specifically designated otherwise in written material supplied by Desco to the purchaser.

WHMIS CLASSIFICATION (CANADA):

Not a controlled substance. (Considered to be a manufactured article.)

FOREIGN INVENTORY STATUS:

Not determined

Disclaimer

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N/A = Not Applicable; NE = None Established