

A Safety Data Sheet is not legally required for this product under the OSHA Hazard Communication Standard (29 CFR 1910.1200). The following information is provided as a courtesy service to our customers.

SECTION 1: IDENTIFICATION

Product identifier

Trade name:	Cohesive Film
Synonym(s):	Cold Seal Film
Preparation/Revision date:	20 October 2022

Relevant identified uses of the substance or mixture and uses advised against

Identified uses:	Protective packaging
Uses advised against:	None known

Details of the supplier of the safety data sheet

Manufacturer / Supplier

Company name:	Pregis Innovative Packaging, Inc.
Address:	227 W. Monroe St., Suite 4150 Chicago, IL 60606, USA
e-Mail:	ehs@pregis.com

Emergency telephone number 24-Hour

Emergency Contact:	Chemtrec: (800) 424-9300
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture	Not regulated per OSHA Hazard Communication Standard 29 CFR 1910.1200.
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SECTION 2: HAZARDS IDENTIFICATION (CONT'D)

This product conforms to the U.S. OSHA Hazard Communication Standard's definition of an "Article," i.e., "...a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

Label elements

Contains:	None
Hazard pictogram:	None
Signal word:	None
Hazard statement:	None
Precautionary statements:	
- Prevention:	None
- Response:	None
- Storage:	None
- Disposal:	None
Supplemental label information:	None

Other hazards None

Hazard summary

Physical hazards:	Not classified for physical hazards.
Health hazards:	Not classified for health hazards.
Environmental hazards:	Not classified for hazards to the environment.
Main symptoms:	Inhalation of fumes from heated plastic may cause irritation of respiratory tract, chest discomfort and dizziness. In rare cases, contact with sensitive individuals' skin may result in irritation or reddening of skin.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product conforms to the U.S. OSHA Hazard Communication Standard's definition of an "Article," i.e., "...a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees." The following information is provided as a courtesy.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (CONT'D)

<u>Chemical Name</u>	<u>Percent</u>	<u>CAS No.</u>	<u>Notes</u>
Polyethylene		9002-88-4	
1-Butane polymer		25087-34-7	
1-Octene polymer		26221-73-8	
Crystalline silica		14464-46-1	
Latex		9016-00-6	

SECTION 4: FIRST AID MEASURES**General Information**

Show this Safety Data Sheet to the medical professional in attendance. Adverse health effects are not anticipated with use of this product as intended. If symptoms occur, follow first aid measures as appropriate.

Description of first aid measures

Inhalation:

If symptoms are experienced, move victim to fresh air, if symptoms persist, obtain medical attention.

Skin contact:

Wash contaminated skin with mild soap and water. Get medical attention if irritation develops or persists.

Eye contact:

Rinse immediately with plenty of water, including under the eyelids. Get medical attention if irritation develops or symptoms persist.

Ingestion:

If gastric irritation or discomfort persists seek medical advice.

Notes to Physician:

None specified

Most important symptoms and effects, both acute and delayed

Inhalation of fumes from heated plastic may cause irritation of respiratory tract, chest discomfort and dizziness. In rare cases, contact with sensitive individuals' skin may result in irritation or reddening of skin.

Indication of any immediate medical attention and special treatment needed

None known.

SECTION 5: FIRE FIGHTING MEASURES**General fire hazards**

Dense smoke may be emitted when burned.

SECTION 5: FIRE FIGHTING MEASURES (CONT'D)**Extinguishing Media**

Suitable extinguishing media: Water Fog, Foam, CO₂, and Dry Chemical. Use extinguishing media appropriate for surrounding material.

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture None known.

Advice for firefighters

Special protective equipment for firefighters: Use positive-pressure, self-contained breathing apparatus. Personnel/bystanders should be kept upwind of fire

Special firefighting procedures: None known

Special remarks on fire hazards: None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Protective clothing is not required under normal conditions of intended use, however, the use of gloves and safety glasses is consistent with good manufacturing and hygienic practice.

Methods and materials for containing and cleaning up Sweep up and dispose of, in accordance with local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling None known.

Conditions for safe storage, known. including any incompatibilities None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

United States. Occupational Exposure Limits No Occupational Exposure Limits established.

Appropriate engineering controls Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT'D)

Individual Protective Measures

General Information: There are no known health hazards associated with this material when used as recommended. The following general hygiene considerations are recognized as common, good industrial hygiene practices. Wash hands after use and before eating, avoid breathing dust, and wear safety glasses.

Eye/face protection: Use safety glasses.

Skin protection: Individuals sensitive to latex should wear protective gloves.

Respiratory protection: No respiratory protection should be needed.

Thermal hazards: None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form	Solid, plastic film	Explosive properties	Not applicable
Color	Clear tinted or opaque	Explosive limit	Not applicable
Odor	Odorless	Vapor pressure	Not applicable
Odor threshold	Not applicable	Vapor density	Not applicable
pH	Not applicable	Evaporation rate	Not applicable
Melting/freezing point	No data available	Relative density	Not applicable
Boiling point, initial boiling point and boiling range	Not applicable	Partition coefficient (n-octanol/water)	Not applicable
Flash point	Not applicable	Solubility (water)	No data available
Auto-ignition temperature	No data available	Decomposition temperature	No data available
Flammability (solid, gas)	No data available	Bulk density	Not applicable
Flammability limit-lower%	Not applicable	Viscosity	Not applicable
Flammability limit-upper%	Not applicable	VOC (weight %)	Not applicable
Oxidizing properties	Not applicable	Percent volatile	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Avoid heat and flames.
Incompatible materials	None known.
Hazardous decompositions products	Same as for ordinary combustibles: Carbon Monoxide, Aliphatic Hydrocarbons, Organic Acids, and Aldehydes.

SECTION 11: TOXICOLOGICAL INFORMATION**General information on likely routes of exposure**

Ingestion:	No hazards are anticipated from ingestion incidental to industrial exposure.
Inhalation:	Vapors are unlikely, due to physical properties – however, exposure to the high temperatures of a fire may create irritating or toxic vapors.
Skin contact:	In rare cases, contact with sensitive individuals' skin may result in irritation or reddening of skin.
Eye contact:	Unlikely due to physical state of material.
Symptoms:	Inhalation of fumes from heated plastic may cause irritation of respiratory tract, chest discomfort and dizziness. In rare cases, contact with sensitive individuals' skin may result in irritation or reddening of skin.

11.1 Information on toxicological effects

Acute Toxicity:	No data were identified for this product.
Serious Eye Damage/Irritation:	No data were identified for this product.

SECTION 11: TOXICOLOGICAL INFORMATION (CONT'D)

Skin corrosion/Irritation:	In rare cases, contact with sensitive individuals' skin may result in irritation or reddening of skin.
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Respiratory/Skin Sensitization:	No data were identified for this product.
Germ Cell Mutagenicity:	No data were identified for this product.
Carcinogenicity:	No data were identified for this product.
Reproductive Toxicity:	No data were identified for this product.
Developmental Effects:	No data were identified for this product.
STOT – Single Exposure:	Single dose oral LD_{50} has not been determined. Single dose oral toxicity is believed to be negligible.
STOT – Repeated Exposure:	Repeated exposures are not anticipated to cause significant adverse effects.
Aspiration Hazard:	Not relevant based on physical form of the product.

Conclusion/Summary This product is not expected to produce toxic effects.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data were identified for this product.
Persistence and degradability	No data were identified for this product.
Bioaccumulative potential	No data were identified for this product.
Mobility	No data available
Results of PBT and vPvB assessment	No data available.
Other adverse effects	None known
Conclusion/Summary	Not classified for hazards to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Residual waste:	Dispose as normal, non-hazardous, solid waste, in accordance with applicable Federal, State and Local regulations.
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SECTION 13: DISPOSAL CONSIDERATIONS (CONT'D)

Contaminated packaging:	Dispose as normal, non-hazardous, solid waste, in accordance with applicable Federal, State and Local regulations.
Disposal methods/information:	Landfill or incinerate in accordance with applicable Federal, State and Local regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number	Not applicable, not regulated as hazardous for transport.
UN proper shipping name	Not applicable, not regulated as hazardous for transport.
Transport hazard class(es)	Not applicable, not regulated as hazardous for transport.
Packing group	Not applicable, not regulated as hazardous for transport.
Environmental hazards	Not applicable, not regulated as hazardous for transport.
Special precautions for user	Not applicable, not regulated as hazardous for transport.
Transport in bulk according to Annex II MARPOL73/78 and the IBC Code	Not applicable, not regulated as hazardous for transport.

The transport regulation may vary based on the country of use. Check for the appropriate regulations in the country of transport or usage of this product.

SECTION 15: REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture****USA Federal Regulations**

29 CFR 1910.1200 Hazard Communication Standard (HCS):	Not regulated
SARA III, Sec. 313:	None

SECTION 16: OTHER INFORMATION**List of abbreviations**

CFR	Code of Federal Regulations
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
MARPOL	International Convention for the Prevention of Pollution from Ships
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet

vPvB

Very Persistent and Very Bioaccumulative

SDS Revisions

SDS prepared on 20 October 2022.

Disclaimer

Information provided by sources external to our company and set forth herein is offered in good faith as accurate, but without guarantee. Safety precautions contained herein cannot anticipate all individual and unique situations. Conditions of use and suitability of the product for particular uses are beyond our control. All risks of use of the product are, therefore, assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing herein is intended as recommendation for uses which infringe valid patents or as extension of license under valid patents. Appropriate warnings and safe handling procedures should be provided to users.