



MATERIAL SAFETY DATA SHEET

Tite Seal

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: Tite Seal window wrapping **CAS#:** None/mixture

Generic Name: Self-adhesive membranes **Formula:** Mixture

Manufacture:

Co-Fair Corporation

PO Box 3400

Coshocton, OH 43812

Telephone: 800-333-6700

Trade name: Tite Seal waterproofing flashing for window and doors, Window Wrap, Future Flash

Section 2 - Ingredients

Ingredient name	CAS#	%	Exposure Limits
Asphalt (see note)	8052-42-4	40-60	5 mg/m ³ TWA as fume (ACGIH)
Styrene-butadiene-styrene block copolymer	9003-55-8	10-20	Not established
Mineral Oil (see note)	64741-96-4	3-8	5 mg/m ³ TWA as mist (ACGIH)
Calcium carbonate (see note)	1317-65-3	5-15	5 mg/m ³ TWA respirable fraction (OSHA)

Note: Due to product form, exposure to dusts and fumes is not expected to occur. Exposure limits are given for reference only.

Section 3 - Hazard Identification

EMERGENCY OVERVIEW

Appearance and Odor: Black pliable solid, asphalt odor.

Under normal conditions of use, this product is not expected to create any usual emergency hazards.

Skin irritations may be treated by washing affected area with soap and warm water.

In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases.

POTENTIAL HEALTH EFFECTS

Summary: Inhalation of dust or fumes from this product is unlikely to occur due to the product form and its intended use. Skin contact may result in mild irritation or allergic reaction following multiple exposures.

Acute (short-term) Health Effects: Skin contact may result in mild irritation.

Chronic (long-term) Health Effects: Prolonged skin contact may result in skin sensitization (allergy), with possible irritations, redness or rash.

Target Organs: Skin.

Primary Routes of Entry: Skin contact.

Medical Conditions Which May Be Aggravated: Pre-existing skin diseases.

SYMPTOMS OF OVEREXPOSURE

Inhalation: Not applicable.

Skin: Temporary irritation or mild allergic type reaction may occur.

Absorption: Not applicable.

Ingestion: This product is not intended to be eaten under normal conditions of use. May cause severe irritation to the gastrointestinal tract if ingested.

Eye: Not applicable.

Section 4 - First Aid Measures

Inhalation: Not applicable.

Skin: Wash affected area with soap and warm water. Wash hands before eating, smoking or using the restroom. Do not eat or drink while working with this product. Avoid contact by wearing gloves.

Absorption: Not applicable.

Ingestion: This product is not intended to be eaten under normal conditions of use. Seek medical attention if ingested

Eye: Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: Not Determined

Method: Not Determined

Flammable Limit: Not Determined

Flame Propagation: Not Determined

Unusual Fire/Explosion Hazards:

There is no potential for fire or explosion.

Explosive Limits:

LEL: Not Determined

UEL: Not Determined

Auto-ignition Temp: Not Determined

SECTION 6 - ACCIDENTAL SPILL/ /RELEASE MEASURES

Containment Procedures: Pick up small pieces.

Disposal: Waste of this product is not identified as hazardous according to US EPA (40 CFR 261.3). Comply with all local and state regulations when disposing of waste from this product.

SECTION 7 - HANDLING AND STORAGE

Use protective equipment as described in Section 8 of this MSDS when handling uncontained material. Material should be kept dry and protected from the elements.

SECTION 9 - EXPOSURE CONTROL/ PERSONAL PROTECTION

Summary: Protective equipment should be provided as needed to prevent excessive skin contact. Wash hands and other exposed areas before eating, drinking, smoking or using the restroom.

Eye: Safety glasses.

Skin: Leather or cotton gloves.

Respiratory: Not required.

Ventilation: Not required.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Determined

Evaporation rate: Not Applicable

Melting Point: Not Determined

pH: Not Applicable

Saturation in Air:	Not Applicable
Solids Content:	Not Determined
Specific Gravity:	Not Determined
Vapor Density:	Not Applicable
Viscosity:	Not Applicable
VOC's (g/1):	0
Water Solubility:	Insoluble
Appearance and odor:	Black pliable solid, rubber and petroleum odor

SECTION 10 - STABILITY AND REACTIVITY

Product is stable. Hazardous polymerization will not occur.

Reactivity: The product is not reactive

Hazardous Decomposition Products: Carbon monoxide, various hydrocarbons, sulfur oxides.

SECTION 11 - TOXICOLOGICAL AND EPIDEMIOLOGICAL DATA

This product has not been tested as a separate entity. Therefore, the hazards must be evaluated on the basis of individual ingredients. The hazards described in this document have been evaluated on a threshold of 1.0% for hazardous ingredients and 0.1% for all carcinogens.

Acute Effects:

Skin contact may result in irritation and possible allergic reactions. The LD50 and LC0 for this product have not been determined.

Chronic Effects:

Prolonged skin exposure may result in skin sensitization with possible irritation, redness or allergic reaction. Due to product for, exposures to dusts or fumes is not expected to occur. This product contains crystalline silica. Respirable crystalline silica has been classified by NTP as a substance which can reasonable be expected to be a carcinogen and by IARC as a class 2A substance, probably carcinogenic to humans. This product contains aromatic petroleum oils which have been classified as carcinogenic by IARC under conditions of repeated skin contact.

SECTION 12 - ECOLOGICAL INFORMATION

None available at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

This product is not regulated by the US EPA under Resources Conservation and Recovery Act (RCRA) regulations. Dispose of all waste in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

US Department of Transportation Shipping Classification: Not classified as a hazardous material.

SECTION 15 - REGULATOR INFORMATION

US Federal Regulations: This product has not been classified a carcinogen by the Occupational Safety and Health Administration (OSHA), the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC).

All ingredients in the product are ISCA listed.

There are no chemicals in the product regulated by SARA 313, CERCLA or TSCA12(b).

State Regulations: California Proposition 65
Substances know to cause cancer: Crystalline silica, aromatic petroleum oil.

SECTION 16 - OTHER INFORMATION

MSDS Revision Summary:

10/28/96	Original Issue
01/10/97	Typo
7/10/97	Typo
3/12/98	New Area Code
10/10/98	Add new tradenames
9/20/99	Update due to ingredient changes
1/6/00	Update Tradenames
2/9/00	Update ingredients

At the date of preparation of the document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law. However, no warranty or representation with respect to such information is intended or given.