

Business Hours: 8:00 a.m - 5:00 p.m.
Emergency Telephone Number: 717/245-7000

MATERIAL SAFETY DATA SHEET
CARLISLE SYNTEC INCORPORATED
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Chemtrec: 800/424-9300

MSDS Date: 02/13/98

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Supercedes All Previous Publications
SECTION I

Page 1 of 2

PRODUCT NAME AND SYNONYMS: SURE-SEAL SECURTAPE™
CHEMICAL FAMILY: Butyl Adhesive Tape

PRODUCT USE: Splicing EPDM Roof Membrane
FORMULA: Mixture

SECTION II(A) HAZARDOUS INGREDIENT

HAZARDOUS INGREDIENT	CAS NUMBER	% TWA	PEL (ppm)		SKIN DESIG- NATION	LD ₅₀ OF INGREDIENT SPECIFY SPECIES & ROUTE (SPECIFY SPECIES) (mg/kg)	LC ₅₀ OF INGREDIENT (ppm/4H)
			STEL	CEILING			
Carbon Black	1333-86-4	1-10	3.5mg/m ³ (As Dust)		N/E	N/E	N/E

N/E = Not Established N/A = Not Applicable

SECTION II(B) ADDITIONAL INGREDIENTS (>3%)

Ingredients: Butyl Rubber - CAS # 68441-14-5
EPDM Polymer - CAS # 25038-36-2
Phenol-Novolac Resin - CAS # Not Available
Polybutene Polymer - CAS # 9003-29-6
Hydrocarbon Resins - CAS # 68478-07-9 and 26813-14-9

SECTION III PHYSICAL DATA

Physical State	Odor And Appearance	VOC (grams/liter)	Odor Threshold (ppm)	Vapor Pressure (mm Hg)
Solid	Tacky black solid with rubber-like odor	N/A	N/A	N/A

Vapor Density (AIR=1)	Evaporation Rate (nBuAc=1)	Boiling Point(°C)	Freezing Point (°C)	pH
N/A	N/A	N/A	N/A	N/A

Specific Gravity	Coeff Water/Oil Dist	Solubility In Water	Volatiles By Wt (%)	Corrosivity
0.97 @77°F	N/A	Insoluble	0	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability: Yes No X - If Yes, Under Which Conditions?

Flashpoint (°C) And Method	Autoignition Temperature (°C)	Lower Flammable Limit (% By Vol)	Upper Flammable Limit (% By Vol)
Above 110°C	N/E	N/E	N/E

Hazardous Combustion Products: Toxic gases or vapors such as carbon dioxide, carbon monoxide, various hydrocarbons and phenols may be released in a fire.

EXPLOSION DATA:

Sensitivity To Impact: None known

Sensitivity To Static Discharge: None known

Extinguishing Media: Foam, water, dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

Unusual Fire And Explosion Hazards: None known

SECTION V - REACTIVITY DATA

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions To Avoid: Open flames.

Incompatibility (Materials To Avoid) None known

Hazardous Decomposition Products: Toxic gases or vapors such as carbon dioxide, carbon monoxide, various hydrocarbons and phenols may be released in a fire.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route Of Entry: Skin Contact X Skin Absorption Eye Contact Inhalation Ingestion

Effects Of Acute Exposure To Product: Can cause irritation; repeated contact with skin may cause an allergic skin reaction.

Effects Of Chronic Exposure: Possible skin irritation on contact, but no chronic effects known

Exposure Limits	Irritancy of Product	Sensitization To Product	Carcinogenicity	
3.5 mg/m; (As Pure Dust)	May irritate skin in some people	May cause skin sensitization	No evidence	
Teratogenicity	Reproductive Toxicity	Mutagenicity	Synergistic Products	Tumorigenicity
No evidence	No evidence	No evidence	None known	No evidence

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Gloves are recommended to prevent skin contact.

Respirator: None

Eye: None

Footwear: None

Clothing: Normal work clothing covering arms and legs.

Other: None

Engineering Controls (EG., Ventilation, Enclosed Process): Not required under normal conditions of use.

Leak Or Spill Procedure: Handle as normal solid waste.

Waste Disposal: Dispose of in accordance with all local, state, and federal regulations.

Handling Procedures And Equipment: None required.

Storage Requirements: Store in a cool, dry area.

Special Shipping Information: None

SECTION VIII - FIRST AID MEASURES

Specific Measures:

Skin Contact - Thoroughly wash exposed area with soap and water. Get medical attention if reaction develops and irritation persists.

SECTION IX - ADDITIONAL REGULATORY INFORMATION

SECTION X - PREPARATION INFORMATION

Prepared By: Accessory Products Group

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