

SAFETY DATA SHEET

1. Chemical Product and Company Identification

Company: Cofair Products, Inc.
7301 N. Saint Louis Ave.
Skokie, IL 60076
USA
Tel.: 847-626-1500

Product name: **Tite Seal Butyl with Steel-Loc Adhesive**
Tite Seal Butyl Ultra with Steel-Loc Adhesive

2. Composition/Information on Ingredients

Chemical Family: Thermoplastic hot melt adhesive
Dark black in color, solid at ambient temperature. Negligible odor.
Viscous fluid when melted

Components: Organic Plastics.....> 20% --- < 70%..CAS No.:n/a
Polar Hydrocarbons.> 10%---<60%.....CAS No.: n/a
Inorganic Stabilizers..> 10%--< 40%....CAS No.:n/a

3. Hazards Identification

Product heated above 450F or if catches fire, may release fumes of
Carbon monoxide, Carbon dioxide, trace Sulphur dioxide/ sulphide

Emergency Overview

Non-Hazardous at Room Temperatures.

Inhalation: Fumes from over heated material may cause nausea, headache or dizziness.
Vapors and/or aerosols which may be formed at elevated temperatures may cause
irritation to eyes and respiratory tract

Skin & Eye Contact: *As cold* irritant as a foreign body.

AS Hot: thermal burns are possible. Repeated skin contact may cause
dermatitis.

Ingestion: Low probability. Low oral toxicity.

4. First Aid measures

- Eye:** *If hot:* flush with cold water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. *As supplied:* remove as foreign body. Remove particles by irrigating with Eye-wash solution or clean water, holding the eyelids apart.
- Skin Contact:** For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention. Wash skin with soap and water. If symptoms develop, obtain medical attention.
- Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
- Ingestion:** Treat symptomatically and supportively. Get medical attention.

5. Firefighting Measures

- Autoignition:** Not available
- Flash Point:** >500°F (Cleveland Open Cup)
- Extinguishing Media:** CO₂; Dry Chemical
- Special Firefighting Procedures:** No special procedures are required
- Fire & Explosion Hazards:** Non-Combustible
- Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide, Sulphur dioxide, Hydrogen Sulphide, hydrocarbons
- Lower Explosion Limit (%):** Not applicable
- Upper Explosion Limit (%):** Not applicable
- Flammability Hazard Class:** 1=Slight

6. Accidental Release Measures

- Spill and Leak Procedures:** Allow material to cool and solidify. Scrape up and collect into suitable containers for disposal. Follow Federal, State & local laws & regulations

7. Handling and Storage

- Storage Temperature:** 0 - 110°F
- Handling/Storage:** Store in a cool dry area. Precaution: this product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health.
- Sensitivity to static electricity:** No
- Sensitivity to mechanical impact:** No

8. Exposure Controls/Personal Protection

<i>Ventilation Requirements:</i>	General exhaust to avoid accumulation of vapors near ceilings. Local exhaust over glue chamber.
<i>Eye Protection Requirements:</i>	Safety glasses, goggles or face shield to protect against splashing
<i>Glove requirement:</i>	Thermally resistant gloves should be worn.
<i>Clothing Requirements:</i>	To avoid burns, use long-sleeved, long legged clothing.
<i>Change/Removal of Clothing:</i>	Remove contaminated clothing and launder before reuse.
<i>Wash requirement:</i>	Wash before eating, drinking, or using toilet facilities.
<i>Respirator Requirements:</i>	No respirator protection is recommended while working with this material. However, if operating conditions create high vapor or mist concentration, use of an approved respirator is recommended.

9. Physical and Chemical Properties

<i>Pure Substance or Mixture:</i>	Mixture
<i>Physical Form:</i>	Solid
<i>Color:</i>	Dark Black/ Opaque
<i>Odor:</i>	Negligible
<i>Odor Threshold:</i>	Not Available
<i>PH as is:</i>	Not Applicable
<i>PH in 1% solution:</i>	Not Applicable
<i>Oxidizing Properties:</i>	Not Applicable
<i>Boiling Point:</i>	>650°F
<i>Melting Point:</i>	190°F
<i>Freezing Point:</i>	Not Applicable
<i>Solubility in Water:</i>	Insoluble
<i>Partition Coefficient:</i>	Not Applicable
<i>Specific Gravity (water=1)</i>	1.7
<i>Bulk density:</i>	NA
<i>Evaporation Rate:</i>	Nil
<i>Vapor Pressure (mmHg):</i>	Nil @ 20°C
<i>Vapor Density (air=1):</i>	Nil
<i>Volatiles:</i>	Nil
<i>Volatile Organic Compounds:</i>	Nil
<i>Autoignition:</i>	Not Available
<i>Flash Point:</i>	> 500°F (Cleveland Open Cup)

10. Stability and Reactivity

Stability: Stable
Reactivity Hazard Class: 0=stable

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, unknown hydrocarbons.

11. Toxicological Information

Route of Entry: Skin Contact; Eye Contact; Inhalation

Chronic (Long Term) Effects of Exposure

Effects of Chronic Exposure: Although this product has not been tested for chronic effects, it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.

Target Organs: Eyes; Skin; Respiratory System

Carcinogen: No

12. Ecological Information

Potential to Bioaccumulate: Unknown
Aquatic Toxicity: None established

13. Disposal Considerations

Waste Disposal Methods: Disposal should be in accordance with local, state or national legislation.

Empty Container Warnings: Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

14. Transport Information

This section provided for general information only.

For non-bulk shipping only. For more complete Transportation Regulatory information, please refer to the shipping documents accompanying the shipment of this product.

DOT Classification: Not noted

The information provided herein may not include the impact of additional regulatory requirements (e.g. for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and /of marine pollutants under CWA or similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. Regulatory Information

USA

TSCA: All components are on the TSCA inventory.

SARA/Title III	CAS Number	Concentration (%)
Contains no substances at or above the reporting threshold under Section 313		

16. Other Information

MSDS Date:

April 1st 2013

For Information Contact:

Cofair Products, Inc.
7301 N. Saint Louis Ave.
Skokie, IL 60076

Additional Information: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our own research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

