



MATERIAL SAFETY DATA SHEET

Date: March, 2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **UT-40 Universal Tape**
Chemical Family: Butyl Tape
Product Use: Roofing and transition seam tape
Comparable Products: Protecto Wrap SafSeal Systems 6610

Company Information: STS Coatings, 347 Hwy 289, Comfort, TX 78013
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General Information: 830-995-5177

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous Component</u> <u>Limit</u> | <u>CAS Number</u> | <u>Amount</u> | <u>Exposure</u> |
|--|--------------------------|---------------|--|
| Heavy Naphthenic Distillate and/ or Heavy Naphthenic Extract | 64742-34-3 64742-11-6 | 20-50% | 5 mg/m3 PEL/TLV-TWA 10 mg/m3 TLV-STEL |
| Highly Aromatic Processing Oil 10 mg/m3 TLV-STEL | Not available | 5-10% | 5 mg/m3 PEL/TLV-TWA |
| Carbon Black | 1333-86-4 | 10-20% | 3.5 mg/m3 PEL/TLV-TWA |
| Talc | 14807-96-6 | 10-20% | 20 mppcf PEL-TWA |
| 2 mg/m3 TLV-TWA (respirable fraction) | | | |
| Non-Hazardous Components >1%: Resins and Polymers 20-50% | | | |

3. HAZARDS IDENTIFICATION

Human Effects and Symptoms of Exposure

This product is a solid tape with a white/grey polyester backing and black butyl on sticky side with no odor. This product is not flammable but will burn under fire conditions. May cause mild eye and skin irritation. The product contains petroleum oils that may cause skin cancer.

4. FIRST AID MEASURES

EYES – Check victim for contact lenses and remove if present. Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.

SKIN – Remove contaminated clothing. Wash skin thoroughly with soap and water. If rash or irritation develops, get medical attention.

INHALATION – An unlikely route of entry. If symptoms of exposure develop, remove to fresh air. If breathing is difficult or symptoms persist, seek medical attention.

INGESTION – An unlikely route of entry. If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Consult a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT: >300°F

FLAMMABLE LIMITS IN AIR BY VOLUME – LOWER: not applicable UPPER: not applicable



EXTINGUISHING MEDIA: Use Foam or Dry Chemical to extinguish fire. Use fog nozzles if water is used. Use water to cool fire exposed containers and structures.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product will burn if exposed to elevated temperatures or fire. Toxic vapors and gases may be released upon combustion.

HAZARDOUS COMBUSTION PRODUCTS – Upon combustion, product may produce toxic fumes of carbon monoxide, carbon dioxide, sulfur oxides, nitrogen oxides, and unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Pick up and place into an appropriate containers for disposal according to state, local or federal regulations. If product becomes molten, allow product to cool before picking up or scraping up.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes and skin. This product is not intended to be heated but if product is heated, provide adequate ventilation and avoid breathing vapors and mists. Wash with soap and water after use.

STORAGE: Store in a dry, cool and well-ventilated place away from excessive heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Refer to section 2.

EYE PROTECTION: Use safety glasses or goggles where contact is possible.

SKIN PROTECTION: Wear protective gloves to prevent prolonged contact with skin. Wear long-sleeved shirt and long pants to avoid skin contact. Thoroughly wash after handling.

RESPIRATORY PROTECTION: Respiratory protection is not generally required for this product when ventilation is adequate. For firefighting, use self-contained breathing apparatus.

ENGINEERING CONTROLS: General ventilation should be adequate for normal use. For operations where the TLV may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Solid tape with a white/grey polyester backing and black butyl on sticky side

| | |
|---|-------------------|
| PHYSICAL STATE: | Solid |
| SPECIFIC GRAVITY (H₂O = 1): | 1.1 |
| EVAPORATION RATE: | not applicable |
| VOC CONTENT: | 0% |
| BOILING RANGE (F): | not applicable |
| MELTING POINT: | not determined |
| VAPOR DENSITY: | not applicable |
| VAPOR PRESSURE: | not applicable |
| BULK DENSITY: | 9.54 lbs/gallon |
| pH: | not applicable |
| OCTANOL/WATER COEFFICIENT: | no data available |
| SOLUBILITY IN WATER: | insoluble |

NOTE: These physical data are typical values based on material testing, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions.

CONDITIONS TO AVOID: Keep containers tightly closed. Avoid extreme heat.

INCOMPATIBILITY: Strong oxidizers. Avoid water if product is molten.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion or heating to decomposition will produce carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, ketones and unidentified organic compounds.

HAZARDOUS POLYMERIZATION: Will not occur.



11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

INGESTION: No adverse effects are expected from normal use. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

EYE: May cause irritation with redness, tearing and blurred vision. Contact with product at elevated temperatures may cause thermal burns.

SKIN: May cause irritation, defatting of the skin and dermatitis. Contact with product at elevated temperatures may cause thermal burns.

SENSITIZATION: This product is not expected to cause sensitization.

INHALATION: No adverse effects expected at ambient temperatures. This product is not intended to be heated but if it is, vapors released may cause respiratory irritation.

CHRONIC/CARCINOGENICITY: No adverse chronic effects expected at ambient temperatures when the product is used as intended. Prolonged skin contact with oils of the type contained in this product has been found to cause skin cancer in mice. Prolonged inhalation overexposure to talc may result in lung damage, pulmonary fibrosis, however, the talc in this product is bound in the polymer matrix and no exposure occurs during normal use. Mineral oils, untreated and mildly treated are listed by IARC as "Carcinogenic to Humans", Group 1. Carbon black is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B.

MUTAGENICITY: No adverse effects from available data.

SYNERGISTIC PRODUCTS: None specifically known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Employees with preexisting skin and respiratory disorders may be at increased risk from exposure.

ACUTE TOXICITY VALUES: No acute toxicity data available for components.

12. ECOTOXICOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT HAZARDOUS MATERIALS DESCRIPTION:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. REGULATORY INFORMATION

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

SARA HAZARD CATEGORY (311/312): Acute Health, Chronic Health

EPA TSCA INVENTORY – All chemicals in this product are listed on the TSCA Inventory.

CERCLA/SUPERFUND: This product is not subject to CERCLA reporting requirements.

CA Proposition 65 Warning: This product contains the following chemicals known to the State of California to cause cancer:

Untreated and Mildly Treated Mineral Oils

CANADA:

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

CANADIAN WHMIS CLASSIFICATION: Not a controlled product (manufactured article).

CANADIAN CEPA: This product is a manufactured article and not subject to CEPA requirements.

16. OTHER INFORMATION

NFPA RATING: Health = 1 Fire = 1 Reactivity = 0

HMIS RATING: Health = 1 Fire = 1 Reactivity = 0



The information and recommendations contained herein are to the best of STS Coatings, Inc. knowledge and belief, accurate and reliable as of the date issued. STS Coatings, Inc. Does not warrant or guarantee their accuracy or reliability, and STS Coatings, Inc. Shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying up on the most recent, updated, information and recommendations available from STS Coatings, Inc.

The Environmental Information included as well as the Hazardous Material Identification System (HMIS) and National Fire Protection Association (NFPA) ratings, have been included by STS Coatings, Inc. in order to provide additional health and hazard classification information. The ratings recommended are based up on the criteria supplied by the developers of these rating systems, together with STS Coatings, Inc.'s interpretation of the available data.

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