

MATERIAL SAFETY DATA SHEET



The Tanglefoot Company

Emergency Phone: 800-215-0938
The Tanglefoot Company
Grand Rapids MI 49504

Date of Preparation: 03/01/07

TREE TANGLEFOOT® PEST BARRIER

SECTION I: IDENTIFICATION

MANUFACTURER: THE TANGLEFOOT COMPANY
314 STRAIGHT ST. SW
GRAND RAPIDS, MI 49504

PHONE: 616/459-4139
FAX: 616/459-4140
E-MAIL: info@tanglefoot.com

TRADE NAME: Tree Tanglefoot® Pest Barrier

HAZARD CLASSIFICATION:

HEALTH	0
FIRE	1
REACTIVITY	0

SECTION II: HAZARDOUS INGREDIENTS

Hazardous components (Specific Chemical Identity; Common Names(s))	OSHA	ACGIH	Other Limits
	PEL	TLV	Recommended %(Opt.)
Tree Tanglefoot® Pest Barrier is not a hazardous material as defined in 29 CFR 1910.1200.	N/A	N/A	N/A

SECTION III: PHYSICAL DATA

BOILING POINT:	450°F / 232°C	SPECIFIC GRAVITY (H₂O = 1):	0.9915	Bulk Density:	N/A
VAPOR PRESSURE (MM Hg):	N/A	MELTING POINT:	160°F / 71°C		
VAPOR DENSITY (AIR = 1):	N/A	EVAPORATION RATE (Butyl Acetate=1):	N/A		
SOLUBILITY IN WATER:	Slight	% Volatile:	Negligible		
APPEARANCE AND ODOR:	Dark amber in color with a mild odor.				

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 445°F. / 230°C (ASTM-D93-73) CC

FLAMMABLE LIMITS: Unknown LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Foam, CO₂, dry chemical, water - apply to burning area.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION V: REACTIVITY DATA

STABILITY: Stable **INCOMPATIBILITY:** Strong Acids & Strong Bases **CONDITIONS TO AVOID:** N/A

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI: HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES

ROUTES OF ENTRY: **Eyes:** Yes **SKIN:** Yes **INHALATION:** No **INGESTION:** No

HEALTH HAZARDS (Acute and Chronic): No significant health hazards exist at ambient temperatures. Sticky product may cause local skin irritation.

CARCINOGENICITY: No **NTP?** No **IARC MONOGRAPHS?** No **OSHA REGULATED?** No

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SECTION VI: HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES (continued)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

EMERGENCY AND FIRST AID PROCEDURES:

EYES:	Effect:	May be slightly irritating.
	First Aid:	Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye. If irritation does not subside, seek medical attention.
	Protection:	Safety glasses as needed for other activities.
SKIN:	Effect:	No significant hazards identified.
	First Aid:	Immediately wash skin with water and wash with waterless hand cleaner or baby oil to remove sticky material then wash with soap and water.
	Protection:	Rubber or oil resistant gloves. Long sleeves/pants as required to avoid contact with sticky material.
INHALATION:	Effect:	No significant health hazards identified.
INGESTION:	Effect:	No significant health hazards identified.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND DISPOSAL

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Spills can be contained and removed with absorbent material such as sand and washed with hydrocarbon solvent (mineral spirits), or detergent. Remove sources of ignition. Do not contaminate water or sewer systems.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from children, domestic animals, and pets.

SECTION VIII: California Addendum (Proposition 65) Safe Drinking Water & Toxic Enforcement Act Of 1986

The following specific warnings are hereby given relative to substances that the State of California has identified as carcinogens and/or reproductive hazards under Proposition 65 : WARNING: None.

SECTION IX: SARA TITLE III HAZARD CATEGORY:

Sara Title III Hazard Category - For Reporting Under Sections 311 & 312:

Immediate: No Not Delayed: No Fire: No Reactive: No Sudden Release of Pressure: No

SECTION X: SHIPPING CLASSIFICATIONS

DOT CLASSIFICATION: Not Regulated

BILL OF LADING DESCRIPTION: ADHESIVES, NOI

UN IDENTIFICATION No: N/A

PACKING GROUP: N/A

SECTION XI: DISCLAIMER AND/OR COMMENTS

All information contained in this Material Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion, the information is, as of the date of the material Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee expressed or implied is made by The Tanglefoot Co. as to the results to be obtained based upon your use of the information nor does The Tanglefoot Co. assure any liability arising out of your use of the information.

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TANGLEFOOT® Tangle Guard Tree Wrap

Date of Preparation: 03/01/07

SECTION I: IDENTIFICATION

MANUFACTURER: THE TANGLEFOOT COMPANY
314 STRAIGHT ST. SW
GRAND RAPIDS, MI 49504

PHONE: 616/459-4139
FAX: 616/459-4140
E-MAIL: info@tanglefoot.com

TRADE NAME: Tanglefoot Tangle Guard Tree Wrap (PAPER)

HAZARD CLASSIFICATION:

HEALTH	0
FIRE	0
REACTIVITY	0

SECTION II: HAZARDOUS INGREDIENTS

Under normal use conditions, in the solid state, this product is not considered hazardous.

SECTION III: PHYSICAL DATA

BOILING POINT:	N/A	SPECIFIC GRAVITY:	N/A
VAPOR PRESSURE (MM Hg):	Nil	(H ₂ O = 1) MELTING POINT:	N/A
VAPOR DENSITY (AIR = 1):	N/A	EVAPORATION RATE:	(Butyl Acetate = 1) N/A
SOLUBILITY IN WATER:	Nil	APPEARANCE/ ODOR:	Brown to black creped duplex paper having an asphaltic odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Water, foam, CO₂ Dry Chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Under fire conditions, asphalt fumes (CAS³ 64742-93-4) will be emitted. The TLV of asphalt fumes is 5 mg/m³; therefore a respirator is required under fire conditions.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION V: HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES

This product is a relatively innocuous substance and is not expected to cause harm. Mechanical irritation of the eyes, nose, and throat may occur if slitting, punching, or cutting this product.

EMERGENCY AND FIRST AID PROCEDURE: Eyes: Flush with water and call a physician.

SECTION VI: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Asphalt fumes, CO, CO₂.

INCOMPATIBILITY (Materials to avoid): Oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION VII: SPILL OR LEAK PROCEDURES

WILL NOT SPILL OR LEAK

WASTE DISPOSAL METHOD: Landfill - Under CERCLA Superfund Act of 1980, this product by EPA's definition is not a hazardous substance and may be disposed of as industrial waste..

SECTION VIII: PRECAUTION FOR SAFE HANDLING AND USE

Precaution to be taken in handling and storing: Wash thoroughly after handling and before eating or smoking. Eye protection is recommended if this is being slit, cut or punched. Use adequate ventilation if nuisance particles are being generated.

Waste Disposal Method: Comply with Federal, State, and Local regulations.

SECTION IX: CONTROL MEASURES

Work/Hygienic Practices: Wash hands with soap and water after handling this product. Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This preferably is achieved through the provisions of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

Other precautions: This MSDS being supplied to comply with applicable Federal and State regulations, particularly OSHA Communications Standard 29 CFR 1910.1200. The information contained herein is based on scientific data, which we believe to be dependable. However, since the conditions under which this information may be applied are beyond our control, we can assume no liability for results of its application. One or more of the ingredients contained herein may be a trade secret and not in the public domain. Pursuant to OSHA standards, specific chemical identity will be made available to health professionals in accordance with such OSHA guidelines relevant to medical emergency.

SECTION X: REGULATORY INFORMATION

OSHA Communication Standard: Not hazardous per 29 CFR 1910.1200(d).

RCRA Status: This product not subject to the 40 CFR Part 268.30 land bank on the disposal of certain hazardous wastes.

SARA Status: This product is not regulated under SARA Title III, 42 USC 9601.

TSCA Status: All the components are listed on the TSCA Inventory.

SECTION XI: SHIPPING INFORMATION

DOT CLASSIFICATION: Not Regulated.

BILL OF LADING DESCRIPTION: NMFC 151800, Wrapping Paper- NOI Sub 6 class 85

SECTION XII: DISCLAIMER AND/OR COMMENTS

This information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or corrections. The conditions of handling storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of, or in any way connected with, the use, handling, storage, or disposal of the product.