



Material Safety Data Sheet (SnS) – TC3 Thermal Layer

Chemical emergency numbers		Date issued: 03/2010
USA 1-800-424-9300 (Chemtec)		
Canada 613-996-6666 (Canutec)		
Manufacturer's phone number		

Section 1 - Product Identification & Company Information	
Product Name: Double Coated Polyethylene Foam Tape (DK)	Chemical formula NA
Manufacturer's name: Proprietary	
Manufacturer's address	

Section 2 – Composition / Information on Ingredients		
Ingredient	CAS Number	% by Weight
Rubber Based Adhesive	Mixture	4 - 6
Polyethylene Carrier	Trade Secret	88
		-
		92
Rubber Based Adhesive	Mixture	4 - 6

This product is considered to be an article according to 29CFR, hazardous communication – 1910.1200(b)(6)(v).

Section 3 – Hazard Identification	
Hazard:	Molten polymer will cause thermal burns to skin. When heated irritating fumes may be produced.
Physical state:	Solid.
Color:	According to the product color
Odor:	Negligible to no odor.
Potential health effects:	
Eye:	Solids or dust may cause irritation or scratch the surface of the eye.
Skin:	Not irritating. Heated foam can stick to skin, causing thermal burns.
Ingestion:	Ingestion not a likely route of exposure.
Inhalation:	Inhalation of fumes and vapors generated by heating foam may cause soreness or irritation in the nose and throat.
Chronic health effects:	No known chronic health effects.
Conditions aggravated by exposure:	No known conditions aggravated by exposure to this material.



Section 4 - Physical & Chemical Properties	
Flash point: NA	Boiling point: NA
Vapor pressure: NA	Water solubility: Insoluble
Vapor density: (air=1) NA	Other: NA
Melting point: NA	
Chemical stability:	The product is stable.
Conditions to avoid:	Avoid contact with oxidizer, sparks, open flame or excessive heat.
Section 6 - Toxicological Information	
Acute oral effects:	None known
Skin effects:	None known
Reproductive / development effects:	None known
Section 7 – Ecological Information	
Environmental fate:	Unknown
Bioaccumulation:	Unknown
Section 8 - Fire Fighting Measures	
Flammability classification:	Not classified.
Flash point / method	NA
Auto-ignition temperature:	NA
Flammable limits:	Lower: Not Applicable Upper: Not Applicable
Extinguishing media:	Water spray, CO2, dry chemical.
Protective equipment clothing:	Recommended NIOSH / MSHA approved self-contained breathing apparatus and full protective clothing be worn.
Section 9 - Exposure Controls & Personal Protection	
Engineering controls:	Ventilate storage and use areas to prevent accumulation of dust and fumes.
Personal protection:	Recommended light to medium duty cloth, gloves or glasses.
Section 10 - Accidental Spills Measures	
Spills response:	NA
Section 11 -	



Storage & Handling	
Storage:	NA
Section 12 - Disposal Considerations	
Use only licensed transporters and permitted facilities for waste disposal. Recycle whenever possible.	
Section 13 - First Aid Measures	
Eye:	Flush particles from eyes with clean flowing water or eye wash solution for several minutes. Seek medical attention if discomfort persists.
Skin:	If rash or irritation develops, wash with soap and water. If rash or irritation persists, consult a doctor.
Ingestion:	If ingested, seek medical attention.
Inhalation	If affected move affected person to fresh air. Obtain medical attention if breathing difficulty persists.
Section 15 - Regulatory Information	
NA	
Section 16 – Other Information	
HMIS Rating: Health – 0 Flammability – 1 Reactivity - 0	



Material Safety Data Sheet (SnS) – Protective Coating Layer

Material Safety Data Sheet DuPont™ Tyvek® Spunbond Polyethylene

Revision Date 04/21/2009

Ref. 150000002811

Version 2.2

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: DuPont™ Tyvek® Spunbond Polyethylene

Tradename/Synonym: formerly MSDS SP6013

MSDS Number: 150000002811

Manufacturer: DuPont

1007 Market Street

Wilmington, DE 19898

Product Information: 1-800-441-7515 (outside the U.S. 1-302-774-1000)

Medical Emergency: 1-800-441-3637 (outside the U.S. 1-302-774-1139)

Transport Emergency: CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

Other information: OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Material Safety Data Sheets do not apply to this product. This product is excluded as an article. Information on potential hazards associated with product fabrication and/or installation are discussed in this datasheet.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

Potential Health Effects

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Nonwoven Fabric		100 %

Includes percentages of the following:

Polyethylene	9002-88-4
Additives	



SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable Properties

Flash point: not applicable

Auto ignition temperature: 330 - 350 °C (626 - 662 °F)

Thermal decomposition: > 200 °C (> 392 °F)

Fire and Explosion Hazard: Burning is accompanied by melting and dripping which may cause the fire to spread.

Fire and Explosion Hazard: Hazardous combustion products Carbon monoxide Carbon dioxide (CO2)

Firefighting Instructions: Wear self-contained breathing apparatus and protective suit. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Cleanup: not applicable

SECTION 7. HANDLING AND STORAGE

Handling (Personnel): Material can create slippery conditions. Take precautionary measures against static discharges. Minimize the generation and accumulation of dust.

Storage: No special storage conditions required.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Respiratory protection should not be required for normal use and handling.

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Exposure Guidelines

Exposure Limit Values

Polyethylene PEL	(OSHA)	5 mg/m3	8 hr. TWA	Respirable fraction.
PEL	(OSHA)	15 mg/m3	8 hr. TWA	Total dust.
TLV	(ACGIH)	3 mg/m3	8 hr. TWA	Respirable particles.
TLV	(ACGIH)	10 mg/m3	8 hr. TWA	Inhalable particles.
AEL *	(DUPONT)	5 mg/m3	8 & 12 hr. TWA	Respirable dust.
AEL *	(DUPONT)	10 mg/m3	8 & 12 hr. TWA	Total dust *

AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : sheets
Color : white
Odor : none
Melting point/range : 135 °C (275 °F)

SECTION 10. STABILITY AND REACTIVITY

Hazardous decomposition products : , Carbon monoxide , Carbon dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

Polyethylene

Oral LD50 : 7,950 mg/kg, rat
Skin irritation : non-irritant
Eye irritation : non-irritant
Skin sensitization : Not a skin sensitizer.
Further information : The substance is a polymer and is not expected to produce toxic effects.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Polyethylene : The substance is a polymer and is not expected to produce toxic effects.

Additional ecological information : This product has no known eco-toxicological effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : Where possible recycling is preferred to disposal or incineration.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

SARA 313 Regulated Chemical(s) : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 : Chemicals known to State of California to cause cancer, birth defects or any other harm: none known

SECTION 16. OTHER INFORMATION

Restrictions for use : Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical



Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

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Contact person : MSDS Coordinator, 1007 Market St. Wilmington, DE 19898, Phone: 302-773-0904 (for MSDS information)/302-999-2778 (for technical information)

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