



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont
Material Safety Data Sheet

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DUPONT(tm) FLEXWRAP(tm) AND DUPONT(tm) STRAIGHTFLASH(tm)
SP6070 Revised 3-APR-2007

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

FlexWrap, StraightFlash are trademarks of DuPont.

Tradenames and Synonyms

SP6070

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont
1007 Market Street
Wilmington, DE 19898

PHONE NUMBERS

Product Information : 1-800-441-7515 (outside the U.S.
302-774-1000)
Transport Emergency : CHEMTREC 1-800-424-9300(outside U.S.
703-527-3887)
Medical Emergency : 1-800-441-3637 (outside the U.S.
302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
FLEXWRAP(tm) Composition:		
Proprietary Butyl Compound containing melamine cyanurate and aluminium hydroxide as fire retardents.		40-50
Polyethylene		18-22
Calcium Carbonate		10-14
Carbon Black	1333-86-4	<9
Elastomeric Fibers		<5
Proprietary Styrene Isoprene Styrene adhesive		4
Proprietary Polyurethane adhesive		1.5
STRAIGHTFLASH(tm) Composition:		
Proprietary Butyl Compound		40-50
Polyethylene		18-22
Calcium Carbonate		10-14
Carbon Black	1333-86-4	<9-

(COMPOSITION/INFORMATION ON INGREDIENTS - Continued)

HAZARDS IDENTIFICATION

Potential Health Effects

FlexWrap(TM) and StraightFlash(TM) may be categorized as essentially non-toxic. The nature of the product make either ingestion or inhalation highly improbable.

Eye contact will produce a mechanical irritation like any foreign object.

Skin contact should produce no skin irritation, swelling, or sensitization.

Carcinogenicity Information

The following components are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

Material	IARC	NTP	OSHA	ACGIH
Carbon Black				2B

FIRST AID MEASURES

First Aid

First Aid - Eye Contact
Mechanical irritation - remove particle. Seek medical help if irritation persists.

FIRE FIGHTING MEASURES

Flammable Properties

FlexWrap(TM) and StraightFlash(TM) are combustible and should be protected from a flame and other high heat sources. FlexWrap(TM) and StraightFlash(TM) will not support combustion if the heat source is removed. However, if the temperature of either product reaches 700 F (300 C), they will burn and the ignited droplets may fall or be blown away from the ignition source which can cause fire to spread.

Extinguishing Media

Water, Dry Chemical, CO2.

Fire Fighting Instructions

Wear self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

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

Spill Clean Up

N/A

HANDLING AND STORAGE

Handling (Personnel)

Avoid contact with eyes.

These materials are slippery. Remove the siliconized release liner from the work area immediately after applying FlexWrap(TM) and/or StraightFlash(TM). Do not leave these materials where they can be walked upon.

Handling (Physical Aspects)

Keep away from heat, sparks and flames.

In low humidity conditions, FlexWrap(TM) may build a static charge.

Storage

Do not store with strong oxidizing acids.

Keep from excessive heat and flames.

Do not expose to exhaust gases from internal combustion engines or heaters. Prolonged exposure will cause outer wrap and edges to turn yellow or pink. Storage area should be ventilated.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face	: None normally needed.
Respirator	: None normally needed.
Protective Gloves	: None normally needed.

Exposure Guidelines

Applicable Exposure Limits

Carbon Black
PEL (OSHA) : 3.5 mg/m³, 8 Hr. TWA
TLV (ACGIH) : 3.5 mg/m³, 8 Hr. TWA, A4
AEL * (DuPont) : 0.5 mg/m³, 8 & 12 Hr.TWA, (Polynuclear
Aromatic Hydrocarbon Content <0.1%)
Includes Channel, Lamp, and Thermal
Black

* 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.

Exposure Guideline Comments

Carbon Black is encapsulated in a polymer matrix and is not likely to be released in a particulate form under normal use.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Melting Point : 275 F (135 C) is the on set of melting
and 600 F (315 C) is full melt
Solubility in Water : Insoluble
Odor : slight petroleum
Form : Rolls
Color : White and Black
Specific Gravity : 1.05-1.10 g/cc

STABILITY AND REACTIVITY

Chemical Stability

Stable.

Aromatic hydrocarbons, gasoline, lubricating oils, halogenated hydrocarbons will soften and swell FlexWrap(TM) and/or StraightFlash(TM).

Incompatibility with Other Materials

Products should not be stored in contact with strong oxidizing agents, especially at elevated temperatures.

Decomposition

Incomplete combustion yields hazardous gases/vapors including CO, acrolein, other aldehydes, ketones, fatty acids, and short-chain hydrocarbons.

(STABILITY AND REACTIVITY - Continued)

Polymerization

Polymerization will not occur.

ECOLOGICAL INFORMATION

Ecotoxicological Information

FlexWrap(TM) and StraightFlash(TM) have not been tested for aquatic toxicity.

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

See Section on Regulatory Information under RCRA.

TRANSPORTATION INFORMATION

Shipping Information

DOT
Not Regulated.

REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substance Control Act (TSCA):
FlexWrap(TM) and StraightFlash(TM) are considered "articles" under provisions of TSCA. All non-exempt chemical components are included in the TSCA inventory of chemical substances compiled by U.S. Environmental Protection Agency (EPA) as well as on the European chemical inventory (EINECS).

Occupational Safety & Health Act (OSHA):
FlexWrap(TM) and StraightFlash(TM) are considered non-hazardous materials provision of the Hazard Communication Standard (29 CFR 1910.1200). This MSDS is not required but is provided to FlexWrap(TM) and StraightFlash(TM) customers as a service.

Resource Conservation and Recovery Act (RCRA):
FlexWrap(TM) and StraightFlash(TM) are not hazardous waste as defined by regulations implementing the Resource

(REGULATORY INFORMATION - Continued)

Conservation and Recovery Act (RCRA). FlexWrap(TM) and StraightFlash(TM) waste materials should be disposed compliance with Federal, State and Local regulations. Preferred options for disposal are (1) incineration with energy recovery, and (2) landfill. The high fuel value of this product makes option #1 very desirable.

FlexWrap(TM) and StraightFlash(TM) will not disperse in water. So, while disposed of with normal trash, it should never be put in with paper waste which will be repulped. FlexWrap(TM) and StraightFlash(TM) are not readily biodegradable and contain no significant percentage of material extractable in water s its effect on ground water in case of land-fill disposal should be negligible.

Comprehensive Environmental Response, Compensation and Liability Act (Superfund): The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or "Superfund" levies a tax on hazardous waste materials expected to remain at a hazardous waste disposal facility after its closure (i.e., landfills). FlexWrap(TM) and StraightFlash(TM) are not regulated as hazardous waste and are not subject to this Superfund tax.

Emergency Planning & Community Right-To-Know Act (EPCRA): FlexWrap(TM) and StraightFlash(TM) contain no chemicals in concentration under Section 313 of EPCRA.

State Regulations (U.S.)

California Safe Drinking Water and Toxic Enforcement Act of 1986 (proposition 65): This product contains none of the substances known to the State of California to cause cancer or reproductive toxicity.

FlexWrap(TM) and StraightFlash(TM) are subject to provisions of the Pennsylvania and New Jersey Right-To-Know laws.

Pennsylvania Right-To-Know:

Chemical Name	CAS Number
Polybutene	9003-29-6
Butyl Rubber	9010-85-9
Petroleum Hydrocarbon Resin	68132-00-3
Hydrogenated Hydrocarbon Resin	68441-35-0
Aluminum Silicate	68131-74-8

Pennsylvania Right-To-Know: Hazardous Substance List

Chemical Name	CAS Number
Industrial Talc	14807-96-6
Carbon Black	1333-86-4
Calcium Carbonate	1317-65-3

New Jersey Right-To-Know

Chemical Name	CAS Number
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(REGULATORY INFORMATION - Continued)

Aluminum Silicate	68131-74-8
Calcium Carbonate	1317-65-3
Polybutene	9003-29-6
Butyl Rubber	9010-85-9
Industrial Talc	14807-96-6

Massachusetts Right-To-Know: Hazardous Ingredient List	
Chemical Name	CAS Number
Industrial Talc	14807-96-6
Carbon Black	1333-86-4
Calcium Carbonate	1317-65-3

OTHER INFORMATION

NFPA, NPCA-HMIS

NFPA Rating	
Health	: 0
Flammability	: 1
Reactivity	: 0

Personal Protection rating to be supplied by user depending on use conditions.

Additional Information

Packaging
FlexWrap(TM) and StraightFlash(TM) are packaged and shipped as single or multiple boxes of rolls on paper cores. Packaging materials are labeled with the style and roll identification numbers.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS	: M. G. POWELL / C. P. MIHAL
Address	: ENVIRONMENTAL SPECIALIST DUPONT FIBERS LAUREL RUN WILMINGTON, DEL. 19880-0705
Telephone	: 1-804-383-3047 / 1-804-383-2948
	DuPONT trademarks. FlexWrap(TM) is a DuPont trademark. StraightFlash(TM) is a DuPont trademark.

Indicates updated section.

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS