

SPO POLYOLEFIN SHRINK FILM

TECHNICAL SHEET

SPO is a coextruded biaxially oriented 5 layer shrinkable film, suitable for any kind of packaging purpose due to its remarkable mechanical resistance transparency, gloss weldability and shrinkability. **SPO Polyolefin Shrink Film** is well suited for both semi-automatic and automatic packaging machines. **SPO** is available Centre Folded or Single Wound.

Technical Properties

CARATTERISTICHE FILM PROPERTIES	UNITA' MISURA UNIT	VALORI TIPICI TYPICAL VALUE				METODO TEST METHOD
SPESSORE THICKNESS	μ	13	15	19	25	ASTM D-374(C)
RESA YIELD	m/Kg	84	73	58	43,5	
BRILLANTEZZA (45°) GLOSS (45°)	unità gloss	110	110	110	110	ASTM D2457-90 M001 2.61
TRASPARENZA HAZE	%	1,7	1,8	2,2	2,5	ASTM D1003-92 M001 2.62
PERFORAZIONE: MD/TD PUNCTURE RESISTANCE	g	2700	2800	3500	4500	ASTM D-882
CARICO DI ROTTURA: MD/TD TENSILE STRENGTH	N/mm²	100	120	110	100	ASTM D-882-91 M001 2.63
ALLUNGAMENTO A ROTTURA: MD/TD ELONGATION AT BREAK	%	120	120	130	165	ASTM D-882-91 M001 2.63
COF COEFF. DI FRIZIONE COEFF. OF FRICTION	film/film	0,40	0,40	0,40	0,50	ASTM D-1894-93
TERMORETRAZIONE MD/TD FREE SHRINK	%(120°C), 10"	60/65	60/65	60/65	60/65	UNI 8515-83
SALDABILITA' a 170°C HOT TACK	g/25mm	1600	1700	2800	3900	
PERMEABILITA' CO. CO. PERMEABILITY	g/m², (24h, 1bar)	22	20	16	12	M001 2.40
PERMEABILITA' O. O. PERMEABILITY	cm³/m², (24h, 1bar)	12500	12000	10000	8000	M001 2.40
DENSITA' DENSITY	g/cm³	0,920	0,920	0,920	0,920	

*special density can be available

CONFEZIONAMENTO/ PACKAGING

DIMENSIONI DIMENSIONS	SPESSORE FILM/FILM THICKNESS			
	13μ	15μ	19μ	25μ
monopiega/centerfolded				
SVILUPPO/LENGTH	1500m	1250m	1000m	800m
ALTEZZA/WIDTH	da/from 200 a/up to 1100mm			
ØBOBINA/ØREEL	da/from 210 a/up to 250 mm			
ØMANDRINO/ØCORE	76mm	76mm	76mm	76mm
in foglia/single wound				
SVILUPPO/LENGTH	3000m	2500m	2000m	1600m
ALTEZZA/WIDTH	da/from 300 a/up to 2.300 mm			
ØBOBINA/ØREEL	da/from 210 a/up to 250 mm			
ØMANDRINO/ØCORE	76mm	76mm	76mm	76mm
confezionamento standard/standard packaging				
da/from 200 a/up to 350 mm	2 bobine per scatola/2 reels per box			
da/from 400 mm	1 bobina per scatola/1 reel per box			
confezionamento pallet/pallets packaging				
da/from 200 a/up to 400 mm	48 scatole per pallet/48 boxes per pallet			
oltre/over 400 mm	32 scatole per pallet/32 boxes per pallet			

TIPOLOGIE E CAMPI DI UTILIZZO/TYPES AND USES

SPO

alta retrazione

- scatole per biscotti
- scatole di cioccolatini
- confezionamento stoviglie
- confezionamento bicchieri
- scatole per giocattoli
- vassoi di frutta
- compact disks
- cassette video
- torrone
- prodotti alimentari da frigo
- altri prodotti di forma non regolari

SPO

high shrink performance

- boxes of biscuits
- boxes of chocolates
- packaging of plate
- packaging of glasses
- boxes of toys
- fruit trays
- compact disks
- video tapes
- nougat
- refrigerated foodstuff
- other products even featuring irregular shapes

Data shown are average values on our standard production

Sontex

Sontex (Machinery) Ltd
 61 Westgate, Cleckheaton, West Yorkshire BD19 5JZ
 Telephone: 01274 872299 Fax: 01274 862829
 Email: info@sontex.co.uk www.sontex.co.uk
 Reg. London England. Reg. No. 684985. Reg. Office as above

TEST REPORT

TEST FOR F.D.A. REGULATION ON OLEFIN COPOLYMER

AS PER THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 177.1520 CLAUSE 3.1a AND 3.1b.

	<u>RESULT</u>	<u>LIMIT</u>
(A) DENSITY	0.903	0.85 - 1.00 (3.1a) 0.9 - 1.00 (3.1b)
(B) MAXIMUM EXTRACTABLE FRACTION IN N-HEXANE, % (w/w)	2.2	5.5
(C) MAXIMUM EXTRACTABLE FRACTION IN XYLENE, % (w/w)	2.3	30

DATE SAMPLE RECEIVED : NOV.29, 2005

TESTING PERIOD : NOV.29, 2005 TO DEC.6, 2005

END OF REPORT

上海天祥質量技術服務有限公司

1/F., No. 4 Building, Shanghai Comalong Industrial Park,
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上海市宜山路 889 號 舜來工業城 4 號樓 1 層

Tel: 0086-21-61206565, Fax: 0086-21-64950740, Postcode: 200233
Attention is drawn to the terms and conditions printed overleaf.

Test Report

No. SH6039952/CHEM

Date: Apr. 12, 2006

Page 1 of 2

Report on the submitted sample said to be Polyolefin Shrink film.

SGS Ref No. : SHEC0060416807

Model

Main substance : Linear Low Density Polyethylene, Polypropylene

Sample Receiving Date : Apr. 07, 2006

Testing Period : Apr. 07 – 12, 2006

Test Requested : 1) To determine the Cadmium Content in the submitted sample.
2) To determine the Lead Content in the submitted sample.
3) To determine the Mercury Content in the submitted sample.
4) To determine the Hexavalent Chromium Content on the submitted sample.
5) To determine the PBBs(Polybrominated biphenyls) PBBEs(PBDEs)
(Polybrominated biphenyl ethers) Content of the submitted sample.

Test Method : 1) With reference to BS EN 1122:2001, Method B, or other acid digestion.
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.
2) With reference to EPA Method 3050B/ 3051/ 3052, or other acid digestion
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.
3) With reference to US EPA 3052 or other acid digestion, Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES) or US EPA7473 Analysis was performed by Hg Analyzer.
4) With reference to EPA Method 3060A & 7196A.
The samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.
5) With reference to USEPA 8081A/8270D/3540C/3550C, Analysis was performed by GC-MS.

Test Results : Please refer to next page

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Sr. Section Head

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Member of the SGS Group (SGS SA)

Test Report

No. SH6039952/CHEM

Date: Apr. 12, 2006

Page 2 of 2

Test Results

No.	Item	Unit	DL	A
1	Cadmium (Cd)	mg/kg	2	N.D.
2	Lead (Pb)	mg/kg	2	N.D.
3	Mercury (Hg)	mg/kg	2	N.D.
4	Hexavalent Chromium (Cr VI)	mg/kg	2	N.D.
5	Polybrominated biphenyls (PBBs)	---	---	---
	Monobromobiphenyl	mg/kg	5	N.D.
	Dibromobiphenyl	mg/kg	5	N.D.
	Tribromobiphenyl	mg/kg	5	N.D.
	Tetrabromobiphenyl	mg/kg	5	N.D.
	Pentabromobiphenyl	mg/kg	5	N.D.
	Hexabromobiphenyl	mg/kg	5	N.D.
	Heptabromobiphenyl	mg/kg	5	N.D.
	Octabromobiphenyl	mg/kg	5	N.D.
	Nonabromobiphenyl	mg/kg	5	N.D.
	Decabromobiphenyl	mg/kg	5	N.D.
	Polybrominated biphenyl ethers (PBDEs(PBDEs))	---	---	---
	Monobromobiphenyl ether	mg/kg	5	N.D.
	Dibromobiphenyl ether	mg/kg	5	N.D.
	Tribromobiphenyl ether	mg/kg	5	N.D.
	Tetrabromobiphenyl ether	mg/kg	5	N.D.
	Pentabromobiphenyl ether	mg/kg	5	N.D.
	Hexabromobiphenyl ether	mg/kg	5	N.D.
	Heptabromobiphenyl ether	mg/kg	5	N.D.
	Octabromobiphenyl ether	mg/kg	5	N.D.
	Nonabromobiphenyl ether	mg/kg	5	N.D.
	Decabromobiphenyl ether	mg/kg	5	N.D.

Sample Appearance Description(Photo see appendix):

A. Transparent plastic film

Note : 1mg/kg=1ppm=0.0001%

DL= Detection Limit

N.D. = Not detected

Not Detected is reported when the reading is less than detection limit value.

*** End of Report ***

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SHCHEM 654556

Member of the SGS Group (SGS SA)



Test Report

No. SH6080117/CHEM

Date: Jul. 4, 2006

Page 1 of 2

Report on the submitted sample said to be CROSS-LINKED SHRINK FILM.

SGS Ref No. : 10011851

Model No

Main substance : LLDPE

Sample Receiving Date : Jun.28, 2006

Testing Period : Jun.28 -Jul.03, 2006

Test Requested : 1) To determine the Cadmium Content in the submitted sample.
2) To determine the Lead Content in the submitted sample.
3) To determine the Mercury Content in the submitted sample.
4) To determine the Hexavalent Chromium Content on the submitted sample.
5) To determine the PBBs(Polybrominated biphenyls) PBBEs(PBDEs)
(Polybrominated biphenyl ethers) Content of the submitted sample.

Test Method : 1) With reference to BS EN 1122:2001, Method B, or other acid digestion.
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.
2) With reference to EPA Method 3050B/ 3051/ 3052, or other acid digestion
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.
3) With reference to US EPA 3052 or other acid digestion, Analysis was performed by Inductively Coupled Argon Plasma - Atomic Emission Spectrometry (ICP-AES) or US EPA7473 Analysis was performed by Hg Analyzer.
4) With reference to EPA Method 3060A & 7196A.
The samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.
5) With reference to USEPA 8081A/8270D/3540C/3550C, Analysis was performed by GC-MS.

Test Results : Please refer to next page

Signed for and on behalf of
SGS-CSTC Chemical Laboratory


Ella Zhang
Sr. Section Head

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SHCHEM 820008

Member of the SGS Group (SGS SA)

Test Report

No. SH6080117/CHEM

Date: Jul. 4, 2006

Page 2 of 2

Test Results

No.	Item	Unit	DL	A
1	Cadmium (Cd)	mg/kg	2	N.D.
2	Lead (Pb)	mg/kg	2	N.D.
3	Mercury (Hg)	mg/kg	2	N.D.
4	Hexavalent Chromium (Cr VI)	mg/kg	2	N.D.
5	Polybrominated biphenyls (PBBs)	---	---	---
	Monobromobiphenyl	mg/kg	5	N.D.
	Dibromobiphenyl	mg/kg	5	N.D.
	Tribromobiphenyl	mg/kg	5	N.D.
	Tetrabromobiphenyl	mg/kg	5	N.D.
	Pentabromobiphenyl	mg/kg	5	N.D.
	Hexabromobiphenyl	mg/kg	5	N.D.
	Heptabromobiphenyl	mg/kg	5	N.D.
	Octabromobiphenyl	mg/kg	5	N.D.
	Nonabromobiphenyl	mg/kg	5	N.D.
	Decabromobiphenyl	mg/kg	5	N.D.
	Polybrominated biphenyl ethers (PBDEs(PBDEs))	---	---	---
	Monobromobiphenyl ether	mg/kg	5	N.D.
	Dibromobiphenyl ether	mg/kg	5	N.D.
	Tribromobiphenyl ether	mg/kg	5	N.D.
	Tetrabromobiphenyl ether	mg/kg	5	N.D.
	Pentabromobiphenyl ether	mg/kg	5	N.D.
	Hexabromobiphenyl ether	mg/kg	5	N.D.
	Heptabromobiphenyl ether	mg/kg	5	N.D.
	Octabromobiphenyl ether	mg/kg	5	N.D.
	Nonabromobiphenyl ether	mg/kg	5	N.D.
	Decabromobiphenyl ether	mg/kg	5	N.D.

Sample Appearance Description(Photo see appendix):

A. Transparent plastic film

Note : 1mg/kg=1ppm=0.0001%

DL= Detection Limit

N.D. = Not detected

Not Detected is reported when the reading is less than detection limit value.

*** End of Report ***

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SHCHEM A20007

Member of the SGS Group (SGS SA)

Material Safety Data Sheet



1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Page: 1

24-Hour Emergency Phone Number: 989-636-4400

Product: DOWLEX* 2256G POLYETHYLENE RESIN

Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

The Dow Chemical Company, Midland, MI 48674

Customer Information Center: 800-258-2436

2. COMPOSITION/INFORMATION ON INGREDIENTS

Copolymer of ethylene and octene-1 CAS# 026221-73-8 >99%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

* Translucent or white pellets or granules. Odorless. Slipping *
* hazard. *

POTENTIAL HEALTH EFFECTS (See Section 11 for toxicological data.)

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action. Vapor may cause eye irritation experienced as mild discomfort and redness.

SKIN: Brief contact is essentially non-irritating to skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures; contact with the material may cause thermal burns. No adverse effects anticipated by skin absorption.

INGESTION: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed.

INHALATION: No adverse effects are anticipated from single exposure to dust. Vapors/fumes released during thermal processing may cause respiratory irritation.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Additives are encapsulated

(Continued on page 2 , over)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: DOWLEX* 2256G POLYETHYLENE RESIN
Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

CANCER INFORMATION: No relevant information found.

TERATOLOGY (BIRTH DEFECTS): No relevant information found.

REPRODUCTIVE EFFECTS: No relevant information found.

4. FIRST AID

EYE: Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

SKIN: If molten material comes in contact with the skin, do not apply ice but cool under ice water or running stream of water. DO NOT attempt to remove the material from skin. Removal could result in severe tissue damage. Seek medical attention immediately.

INGESTION: If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION: Move person to fresh air; if effects occur, consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: Not applicable

METHOD USED: Not applicable

AUTOIGNITION TEMPERATURE: Not applicable

FLAMMABILITY LIMITS

LFL: Not applicable

UFL: Not applicable

HAZARDOUS COMBUSTION PRODUCTS: During a fire, smoke may contain

(Continued on page 3)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

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the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: carbon monoxide, carbon dioxide.

OTHER FLAMMABILITY INFORMATION: Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate. Dense smoke is emitted when burned without sufficient oxygen.

EXTINGUISHING MEDIA: Water fog or fine spray, dry chemical fire extinguishers, carbon dioxide fire extinguishers and foam. General purpose synthetic foams (including AFFF type) or protein foams are preferred if available. Alcohol resistant foams (ATC type) may function.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES (See Section 15 for Regulatory Information)

PROTECT PEOPLE: Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

PROTECT THE ENVIRONMENT: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

CLEANUP: Sweep up. Contain spilled material if possible. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations for additional information.

7. HANDLING AND STORAGE

(Continued on page 4 , over)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: DOWLEX* 2256G POLYETHYLENE RESIN
Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

HANDLING: Avoid breathing process fumes. Electrically ground all equipment. When appropriate, unique handling information for containers can be found on the product label.

STORAGE: Store in accordance with good manufacturing practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Use safety glasses. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles. If exposure causes eye discomfort, use a full-face respirator.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed. Use gloves with insulation for thermal protection, when needed.

RESPIRATORY PROTECTION: Use an approved air-purifying respirator when vapors are generated at increased temperatures or when dust or mist is present.

EXPOSURE GUIDELINE(S): None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Translucent white, pellets or granules
ODOR: Ocorless
VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not applicable
BOILING POINT: Not applicable
SOLUBILITY IN WATER/MISCIBILITY: Nil
SPECIFIC GRAVITY OR DENSITY: 0.84 - 0.97

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Exposure to elevated temperatures can cause product to decompose.

(Continued on page 5)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: DOWLEX* 2256G POLYETHYLENE RESIN
Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products. At temperatures exceeding melt temperatures, polymer fragments can be released. Fumes can be irritating. Decomposition products can include and are not limited to: carbon monoxide, carbon dioxide, aldehydes, alcohols, organic acids. Decomposition products can include trace amounts of hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION (See Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or non-emergency number shown in Section 1)

SKIN: The dermal LD50 has not been determined.

INGESTION: Single dose oral LD50 has not been determined.

MUTAGENICITY: No relevant information found.

12. ECOLOGICAL INFORMATION (For detailed Ecological data, write or call the address or non-emergency number shown in Section 1)

ENVIRONMENTAL FATE

MOVEMENT & PARTITIONING: No bioconcentration is expected because of the relatively high molecular weight (MW >1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material is expected to float.

DEGRADATION & PERSISTENCE: This water insoluble polymeric solid is expected to be inert in the environment. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

ECOTOXICITY: Not expected to be acutely toxic, but pellets may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

13. DISPOSAL CONSIDERATIONS (See Section 15 for Regulatory Information)

(Continued on page 6 , over)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: DOWLEX* 2256G POLYETHYLENE RESIN
Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. THE DOW CHEMICAL COMPANY HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 2 (Composition/Information On Ingredients).

FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction device, and landfill.

For additional information, refer to Stability & Reactivity Information, MSDS Section 10.

As a service to its customers, Dow can provide names of information resources to help identify waste management companies and other facilities which recycle, reprocess or manage chemicals or plastics, and that manage used drums. Telephone Dow's Customer Information Center at 800-258-2436 or 989-832-1556 for further details.

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (D.O.T.): This product is not regulated by D.O.T. when shipped domestically by land.

CANADIAN TDG INFORMATION: This product is not regulated by TDG when shipped domestically by land.

15. REGULATORY INFORMATION (Not meant to be all-inclusive--selected regulations represented)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

(Continued on page 7)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: DOWLEX* 2256G POLYETHYLENE RESIN
Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

See other sections for health and safety information.

U.S. REGULATIONS

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SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

TOXIC SUBSTANCES CONTROL ACT (TSCA):

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of

New Jersey
Pennsylvania

OSHA HAZARD COMMUNICATION STANDARD:

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CANADIAN REGULATIONS

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(Continued on page 8 , over)

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: DOWLEX* 2256G POLYETHYLENE RESIN
Product Code: 07653

Effective Date: 08/28/02 Date Printed: 12/26/02 MSD: 002101

REGULATORY INFORMATION (CONTINUED)

WHMIS INFORMATION: The Canadian Workplace Hazardous Materials
Information System (WHMIS) Classification for this product is:

This product is not a "Controlled Product" under WHMIS.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

All substances in this product are listed on the Canadian Domestic
Substances List (DSL) or are not required to be listed.

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

Health	0
Flammability	1
Reactivity	0

MSDS STATUS: Revised Section 6.

* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY
The Information Herein Is Given In Good Faith, But No Warranty,
Express Or Implied, Is Made. Consult The Dow Chemical Company
For Further Information.