

Santiago, 20 de octubre de 2020

Doron Spa, Rut: 76.984.265-9, Proveedor de Pecheras de polietileno para el uso de protección e impermeabilización de contacto directo, tenemos como proveedores de material:

- Winflex Spa 76.769.915- 8
- Solpack S.A. 99.521.380-K

Los cuales cumplen con las certificaciones que a continuación se presentan:



Andres Rosenkranz Briceño
15.736.058-2
Representante Legal

BUREAU VERITAS
Certification



WINFLEX SPA

RUT: 76.769.915-8

**Los Boldos N°565, Lampa - Santiago
CHILE**

Bureau Veritas Certification Chile S.A., certifica que el Sistema de Gestión de la organización mencionada ha sido evaluado y se muestra acorde con los requerimientos de las normas detalladas a continuación

ISO 9001:2015 NCh-ISO 9001:2015

ALCANCE DEL SISTEMA

**FABRICACION Y COMERCIALIZACION DE ENVASES FLEXIBLES
PLASTICOS PARA MERCADO INDUSTRIAL**

Fecha inicio del ciclo original: **11 Enero 2019**

Fecha expiración del ciclo anterior: **N/A**

Fecha de auditoria de Certificación / Recertificación: **N/A**

Fecha inicio de ciclo de Certificación / Recertificación: **11 Enero 2019**

Sujeto al funcionamiento satisfactorio continuo del Sistema de Gestión de la organización, este certificado vence el:
10 Enero 2022

Número de Registro INN: 12180
Certificado Serie N°: BVCSG10198

Versión Número: 00

Fecha de Revisión: Enero 15, 2019

Firmado En Nombre De
Bureau Veritas Certification Chile S.A.



Gestión e Impresión Bureau Veritas Certification Chile S.A.: Av. Marathon 2641 Macul, Santiago - Chile
Futuras aclaraciones en cuanto al alcance de este certificado y la aplicabilidad del Sistema de Gestión se pueden obtener consultando a la organización. Para verificar la validez de este certificado llamar al teléfono (05612)24859067)
Plantilla de certificado de único sitio Rev6 1 1 Junio 05, 2018





Santiago, 24 de Junio 2020

CERTIFICADO GRADO ALIMENTICIO

Winflex, Proveedor de Pecheras de polietileno para el uso de protección e impermeabilización de contacto directo, son fabricadas con material 100% virgen y sin material reciclado.

las materias primas utilizadas , cumplen con las regulaciones para contacto directo con los alimentos, según normativas FDA 21 CFR 175 y 177, las Directivas EEC 2002/72/EC Europeas y del RSA DS 977/96, Art 126

Atentamente,

Winflex SPA

Los Boldos 565- Lampa

La Divisa 0359- San Bernardo

Web: www.winflex.cl

Solpack S.A.

Lo Echevers 311, Módulo 7 y 8
Quilicura, Santiago
Chile

At.: Sr. Andrés Baboun Massú
Gerente General

Our ref : LR N° 0157_2020

Lloyd's Register Central &
South America Limited
Blanco 625, Of. 112, Valparaíso
V Región - Chile

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www.lrqasudamerica.com

Viernes 09 de Octubre, 2020

Recomendación Certificación ISO 9001:2015

Estimados Señores;

De nuestra consideración:

Por medio de la presente, confirmamos a Uds. que Lloyd's Register Central & South America Limited, ha establecido a través del contrato VPO00000157, firmado con los Sres. Solpack S.A. un acuerdo por la provisión de los Servicios de Certificación, bajo los requerimientos de la Norma ISO 9001:2015.

Durante los días 30 de Septiembre y 01 de Octubre 2020, se realizó la Auditoría de Certificación, resultando de ella la recomendación de aprobación bajo la Norma ISO 9001:2015.

El proceso de revisión final para la autorización de los respectivos certificados se encuentra en trámite interno.

Se extiende el presente documento, para los fines que estimen convenientes, sin ulterior responsabilidad para Lloyd's Register Central & South America Limited.

Saluda atentamente a ustedes,



Michael Ramdohr

Director of Business Development / Operations Coordinator
Business Assurance South America
Lloyd's Register Central & South America Limited

CELESTE 5130

MASTERBATCH PARA POLIOLEFINAS

Dispersión de pigmentos matizados en su resina base, más aditivos necesarios que brindan un óptimo desarrollo de color en su medio.

Información sobre el Masterbatch

Resina de aplicación : Poliolefinas.
Resina base : LLDPE/LDPE.
Pigmentos base : Mezcla de pigmentos que cumplen las siguientes normas internacionales sobre el contenido de metales pesados

CONEG (USA)
Recommendation IX, BfR (Alemania)

Características del Masterbatch : APTO PARA CONTACTO CON ALIMENTOS.
Estabilidad térmica (5') : 300°C
Solidez a la Luz : 7 – 8 (Escala 1 – 8 ; Máximo: 8)

Aunque los pigmentos incorporados cumplen las normas internacionales mencionadas anteriormente respecto al contenido de metales pesados y/o aminas aromáticas, deberá comprobarse que no exista migración al alimento. Estos datos son solamente referenciales, obtenidos en base a las pruebas de laboratorio y a la información recabada por Marzullo S.A. con sus proveedores de materia prima.

Características del envasado y almacenamiento

Forma Física	Pellets de corte homogéneo, de forma cilíndrica, lenticular y/o esférica.
Presentación	Sacos de polietileno de 25 kg. netos.
Almacenamiento	Se recomienda conservar el producto en un lugar fresco y seco.

Revisión: Abril/2018
PT/4

Marzullo S.A. - Topcolor

Las informaciones técnicas aquí expresadas son referenciales y representan lo mejor de nuestra experiencia, por lo que Marzullo S.A. no asumirá responsabilidad alguna respecto a resultados prácticos obtenidos fuera de nuestro control. La compatibilidad de este masterbatch en resinas distintas a las indicadas expresamente en la ficha técnica, debe ser investigada caso a caso. La responsabilidad de realizar ensayos completos y de evaluar el comportamiento y rendimiento del producto evaluado en escala industrial, corresponde totalmente al utilizador del masterbatch, quien asume también todos los riesgos y responsabilidades derivados de la utilización de la información facilitada en este documento. Determinar las condiciones de uso seguro del producto es responsabilidad del usuario.

MARZULLO S.A.
Panamericana Norte 3899
Conchalí - Santiago, Chile
CP 8551135
Fono: (56-2) 2530 7600
Fax: (56-2) 2530 7690
ventas@topcolor.com

www.topcolor.com

Santiago, 20 de octubre de 2020

CERTIFICADO

Doron Spa, Rut: 76.984.265-9, Proveedor de Pecheras de polietileno para el uso de protección e impermeabilización de contacto directo certifica y garantiza que todas las pecheras son fabricadas con material 100% virgen y sin material reciclado y totalmente libre de látex.



Andres Rosenkranz Briceño
15.736.058-2
Representante Legal

SECTION 1: Identification

1.1. Identification

Product form : Mixtures
Product name : MB ANTIESTATICO
Product code : 1000207-S

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Plastic materials

1.3. Details of the supplier of the safety data sheet

Ampacet North America
660 White Plains Road
Tarrytown, NY, USA 10591
+1.800.809.8077
e-mail: SDS-NAm@ampacet.com

Ampacet Europe
ZI Riedgen
L-3451 Dudelange, Luxembourg
+352.29.20991
e-mail: SDS-EU@ampacet.com

Ampacet South America
Dardo Rocha 2454 - 2nd Floor
(B1640FTH) San Isidro, Buenos Aires, Argentina
+54.11.4110.4200
e-mail: SDS-SAm@ampacet.com

Ampacet Asia
ESIE 64/19 Moo 4, Highway 331
Pluak Daeng, Rayong 21140 Thailand
+66.38.927.999
e-mail: SDS-Asia@ampacet.com

1.4. Emergency telephone number

Emergency number : See Section 1.3

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : Not expected to require first aid measures. After contact with the molten product, cool rapidly with cold water. Immerse in cool water/wrap in wet bandages. Seek immediate medical advice.

First-aid measures after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.

First-aid measures after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

MB ANTIESTATICO

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂), water spray, sand, earth.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Minimize generation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store at ambient temperature. Keep container tightly closed and dry.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize mist and/or vapor concentrations.

Personal protective equipment : Avoid all unnecessary exposure. Wear suitable protective clothing, gloves and eye/face protection. Use insulated gloves, impervious apron, long sleeves and other protective clothing when handling this material hot.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls : Prevent entry to sewers and public waters.

Other information : Do not eat, drink or smoke during use.

MB ANTIESTATICO

Safety Data Sheet

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pellet.
Color	: characteristic
Odor	: characteristic
Odor threshold	: Not applicable Not applicable
pH	: Not applicable
Melting point	: > 90 °C
Freezing point	: Not applicable
Boiling point	: No data available
Critical temperature	: 320 °C
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: Not applicable
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: Not applicable
Relative density	: No data available
Relative vapor density at 20 °C	: Not applicable
Solubility	: Material insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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Skin corrosion/irritation	: Not classified pH: Not applicable
Serious eye damage/irritation	: Not classified pH: Not applicable
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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12.2. Persistence and degradability

MB ANTIESTATICO	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

MB ANTIESTATICO	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming	: No known effects from this product.
Other information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

Transportation of Dangerous Goods

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

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Safety Data Sheet

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SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Indication of changes	: *
Revision date	: 04/17/2017
Other information	: None.

SDS US (GHS HazCom 2012) - Ampacet

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or 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 handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable

CERTENE™ HWF-852B

Muehlstein - High Density Polyethylene

Wednesday, July 29, 2020

General Information

Product Description

HWF-852B is a certified prime grade Hexene copolymer HIGH MOLECULAR WEIGHT developed for production of thin gauged high stiffness paper-like Blown films. HWF-852B features BIMODAL-BROAD molecular weight distribution that greatly improves processability in HDPE equipment, outstanding film mechanical properties, and high drawdown film capability. HWF-852B applications include shoppers, grocery bags, merchant and produce bags, refuse sacks, single and multiwall liners, lamination films, meat & cheese wrap films, and as substitute films for grease-proof waxed and acid free papers. Minimum recommended film gauge is 0.4 mil, and processing temperature 210 to 230°C. HWF-852B complies with FDA regulation 21CFR 177.1520 (c) 3.2 (a) and with most international regulations concerning the use of Polyethylene in contact with food articles.

General

Material Status	• Commercial: Active		
Availability	• Latin America		
Features	• Bimodal Molecular Weight Distribution • Copolymer • Food Contact Acceptable	• Good Drawdown • Good Processability • Hexene Comonomer	• High Molecular Weight • High Stiffness
Uses	• Bags • Film	• Food Wrap • Laminates	• Liners
Agency Ratings	• FDA 21 CFR 177.1520(c) 3.2a		
Forms	• Pellets		
Processing Method	• Blown Film		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.050	g/10 min	
190°C/21.6 kg	8.0	g/10 min	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	10	µm	
Film Thickness - Recommended / Available	Minimum 10 µm (0.4 mil)		
Secant Modulus - 1% Secant, MD	790	MPa	ASTM D882
Secant Modulus - 1% Secant, TD	965	MPa	ASTM D882
Tensile Strength - MD (Yield)	28.0	MPa	ASTM D882
Tensile Strength - TD (Yield)	26.0	MPa	ASTM D882
Tensile Strength - MD (Break)	69.0	MPa	ASTM D882
Tensile Strength - TD (Break)	41.0	MPa	ASTM D882
Tensile Elongation - MD (Break)	330	%	ASTM D882
Tensile Elongation - TD (Break)	480	%	ASTM D882
Dart Drop Impact ²	280	g	ASTM D1709A
Elmendorf Tear Strength - MD	20	g	ASTM D1922
Elmendorf Tear Strength - TD	200	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	129	°C	ASTM D3417

Additional Information

Film Specimen: 0.4 mil (10 µm) film, melt temperature 410-440°F (210-225°C), blow-up-ratio 4.0:1, frost line height 8 x die ø.

CERTENE™ HWF-852B

Muehlstein - High Density Polyethylene

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	210 to 230	°C

Notes

¹ Typical properties: these are not to be construed as specifications.

² F50