(+) **18816996168** 

Ponciplastics.com



according to Regulation (EC) No. 1907/2006

#### Hifax CA 1210 G 1740 Version 1.1

Revision Date 12/01/2015

Print Date 04/12/2017

SDS No.: BE7902

1. Identification of the subs	ance/mixture and	of the company/undertaki	ng
1.1 Product identifier			
Trade name Synonyms Substance name 1.2 Relevant identified uses	: Polyolefin : Compound	1210 G 1740 , Compounded polymer ded polyolefin <b>or mixture and uses advis</b>	ed against
Identified uses	: Manufacture of plastic articles by injection molding, extrusion or other conversion process.		
Prohibited uses	housings; and mech	cal parts; Train transportatic Seat belt systems and mec anisms; Pedals ( brake , ga ind mechanisms; Medical ap	hanisms; Brake systems s , clutch); Steering
1.3 Details of the supplier o	f the safety data sh	neet	1.4 Emergency telephone
<b>Company</b> Basell Sales & Marketing Company B.V. Delftseplein 27E 3013 AA Rotterdam Netherlands	<b>Telephone</b> 31 (0) 10 275 55 00	<b>Registration number</b> NA	Emergency telephone +32 3 575 1235
			Poison Center: National Poisons Information Service UK: +44 131 242 1383 24 hours all days
E-mail address Responsible/issuing pers	: product.saf	ety@lyb.com	
2. Hazards identification			
2.1 Classification of the sub	stance or mixture		
Classification (REGUL/	ATION (EC) No 127	2/2008)	
Not a hazardous substar	ice or mixture accor	ding to Regulation (EC) No	1272/2008.
2.2 Label elements			
		1/13	

(+) 18816996168

Ponciplastics.com

according to Regulation (EC) No. 1907/2006

## Hifax CA 1210 G 1740

Version 1.1

Revision Date 12/01/2015

Print Date 04/12/2017

SDS No.: BE7902

lvondellbasell

Gen. Variant: SDS GB

#### Labeling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

#### 2.3 Other hazards

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

#### 3. Composition/information on ingredients

#### 3.2 Mixtures

#### Ingredients

Chemical Name	CAS-No. EC-No.	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	<u>Weight %</u>
Proprietary blend of polyolefinic polymers	Mixture	Not Classified	Not Classified	80.0 - 100.0 %

Contains: Additives, stabilizers and fillers

#### 4. First aid measures

#### 4.1 Description of first-aid measures

•	
General advice	: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid.
If inhaled	<ul> <li>Remove person to fresh air. If signs/symptoms continue, get medical attention.</li> <li>In case of excessive inhalation of fumes that may be generated during heating of this material, move the person to fresh air.</li> <li>Obtain medical attention.</li> <li>Keep person warm, if necessary give Cardio-Pulmonary Resuscitation (CPR)</li> </ul>
In case of skin contact	<ul> <li>If molten material contacts the skin, immediately flush with large amounts of water to cool the affected tissue and polymer.</li> <li>Do not attempt to peel polymer from skin as this will remove the skin.</li> <li>Obtain immediate emergency medical attention if burn is deep or extensive.</li> </ul>
	2/13

(+) **18816996168** 

Ponciplastics.com

lyondellbasell

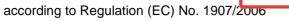
according to Regulation (EC) No. 1907/2006

Hifax CA 1210 G 1740			Variant: SDS_GB
Version 1.1 Revision Date	e 12/01/2015	Print Date 04/12/2017	SDS No.: BE790
In case of eye contact		thoroughly with water for seve ention if discomfort persists.	eral minutes and seek
	Continuous 15 minutes Beyond flus adherent to	shing, DO NOT attempt to rem	ng water for at least
If swallowed	: Adverse he	alth effects due to ingestion a	re not anticipated.
I.2 Most important symptoms an	d effects, both	acute and delayed	
Symptoms		f process fumes and vapors m and throat and coughing.	nay cause soreness
Hazards		ct with the eyes can lead to me mer may cause thermal burns	
I.3 Indication of any immediate n	nedical attentio	on and special treatment nee	eded
Treatment		of overexposure should be dire and the clinical condition of the	
5. Fire-fighting measures 5.1 Extinguishing media			
Suitable extinguishing media	: SMALL FIR Use dry che	E: emical, CO2, or water spray.	
	: LARGE FIR Use water s	ES: spray hose nozzles from a safe	e location.
Unsuitable extinguishing media	: None know	n.	
5.2 Special hazards arising from	the substance	or mixture	
Specific hazards during fire fighting	In case of fi produced s Carbon mo	from heat and sources of ignit re hazardous decomposition p uch as: noxide, carbon dioxide and un ns (smoke).	products may be
5.3 Advice for firefighters			
Special protective equipment for fire-fighters		oved positive pressure self-cor and firefighter protective clothin	
	· Combustibl	e particulate solid, will decomp	oose under fire
Further information		, , ,	

Version 1.1

(+) **18816996168** 

Ponciplastics.com





Hifax CA 1210 G 1740 Revision Date 12/01/2015

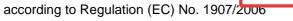
Print Date 04/12/2017

SDS No.: BE7902

	<ul> <li>conditions.</li> <li>Calorific Value: 8000 - 11000 kcal/kg</li> <li>Fight fire from safe distance with hose lines or monitor nozzles.</li> <li>Heat from fire may melt, decompose polymer, and generate flammable vapors.</li> <li>Move containers from fire area if it can be done without risk.</li> <li>Evacuate immediately in the event of opening of storage container pressure relief devices or discoloration of container.</li> <li>Always stay away from tanks engulfed in fire.</li> <li>Do not attempt to get on top of storage containers involved in fire.</li> <li>Cool storage containers with large volumes of water even after fire is out.</li> </ul>
6. Accidental release measures	
6.1 Personal precautions, protec	tive equipment and emergency procedures
Personal precautions	<ul> <li>Equip responders with proper protection. Creates dangerous slipping hazard on any hard smooth surface.</li> <li>Equip emergency responders with proper personal protective equipment (PPE)</li> <li>Avoid generating dust.</li> <li>Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).</li> <li>Potential combustible dust hazard.</li> <li>Polymer particles create slipping hazard on hard smooth surfaces.</li> </ul>
6.2 Environmental precautions	
Environmental precautions	: Do not flush into surface water or sanitary sewer system.
6.3 Methods and materials for co	ntainment and cleaning up
Methods for cleaning up	<ul> <li>On land, sweep/shovel into suitable disposal containers or vacuum using equipment which avoids ignition risk.</li> <li>On water, material is insoluble; collect and contain as any solid.</li> <li>All recovered material should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible.</li> </ul>
7. Handling and storage	
7.1 Precautions for safe handling	3
	4 / 13

 $(+)\,18816996168$ 

Ponciplastics.com



# Gen. Variant: SDS\_GB

SDS No.: BE7902

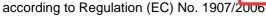
 Hifax CA 1210 G 1740
 Ge

 Version 1.1
 Revision Date 12/01/2015
 Print Date 04/12/2017

Advice on safe handling	<ul> <li>Material is in a pellet form. If converted to small particles during further processing, handling, or by other means, may form combustible dust concentrations in air. Avoid dust accumulation in enclosed space. Avoid generating dust; fine dust suspended in air and in the presence of an ignition source is a potential dust explosion hazard.</li> <li>Static discharge (spark), or other ignition sources, in high dust environments may ignite the dust and result in a dust explosion</li> <li>Electrostatic charge may build during conveying or handling. Equipment handling polymer should be conductive and grounded (earthed) and bonded.</li> <li>Metal containers involved in the transfer of this material should be grounded and bonded.</li> <li>All electrical equipment should conform to applicable electric codes and regulatory requirements for areas handling combustible dusts.</li> <li>After handling, always wash hands thoroughly with soap and water.</li> <li>When bringing the material to processing temperatures vapors may develop may condense in the exhaust ventilation. See</li> </ul>
	section 10.
Fire-fighting class	: Polymer will burn but does not easily ignite.
7.2 Conditions for safe storage,	including any incompatibilities
Requirements for storage areas and containers	<ul> <li>Store in a dry location.</li> <li>Use good housekeeping practices during storage, transferring and handling. Process enclosures and adequate ventilation should be used to avoid excessive dust accumulation.</li> <li>Store away from excessive heat and away from strong oxidizing agents.</li> <li>Keep container closed to prevent contamination.</li> <li>Take measures to prevent the build up of electrostatic charge.</li> </ul>
7.3 Specific end use(s)	
	: See Section 1.2.
8. Exposure controls/personal p 8.1 Control parameters	rotection
	5 / 13

 $(+)\,18816996168$ 

Ponciplastics.com



# Hifax CA 1210 G 1740

Version 1.1

Revision Date 12/01/2015

Print Date 04/12/2017

SDS No.: BE7902

lyondellbasell

Gen. Variant: SDS GB

#### Ingredients with workplace control parameters

#### **Occupational Exposure Limits**

Ingredients	CAS-No.	Туре	Limit Value	Basis Revision Date	Additional Information
Materials that can be formed when handling this product: Non- specified (inert or nuisance) dust		TWA	10 mg/m3 inhalable	US (ACGIH) 2005	
Materials that can be formed when handling this product: Non- specified (inert or nuisance) dust		TWA	3 mg/m3 respirable	US (ACGIH) 2005	

Consult local authorities for acceptable exposure limits.

#### 8.2 Exposure controls

#### **Engineering measures**

Follow the recommendations in international standard NFPA 654 (as amended and adopted) for equipment used to handle this product.

Engineering controls, i.e. enclosed systems, should be used whenever feasible to maintain exposures below acceptable criteria. When such controls are not feasible, or sufficient to achieve full conformance, other engineering controls such as local exhaust ventilation should be used. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

#### Personal protective equipment

Respiratory protection	<ul> <li>Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.</li> <li>When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.</li> <li>Use appropriate respiratory protection where atmosphere exceeds recommended limits.</li> <li>Where workers could be exposed to dust concentrations above the exposure limit they must use appropriate certified respirators.</li> </ul>
Hand protection	: Wear gloves that provide thermal protection where there is a potential for contact with heated material.
	6 / 13

 $(+)\,18816996168$ 

Ponciplastics.com



according to Regulation (EC) No. 1907/2006

ax CA 1210 G 1740			Variant: SDS_GB
	te 12/01/2015	Print Date 04/12/2017	SDS No.: BE
Eye and face protection	injury or oth	e goggles should be worn to p er irritation to eyes due to airb rom handling this product.	
Skin and body protection	: Wear suitat	le protective clothing.	
Hygiene measures	be based ou of the prote performed, hazards and during use. Use good p Wash hand facilities.	appropriate personal protection of an evaluation of the perform ctive equipment relative to the conditions present, duration of d/or potential hazards that may ersonal hygiene practices. s before eating, drinking, smol ntaminated clothing and wash	ance characteristics task(s) to be f use, and the y be encountered king, or using toilet
Environmental exposure co	ontrols		
General advice	: See section	6.	
hysical and chemical prope			
hysical and chemical prope nformation on basic physic	al and chemical	properties	
hysical and chemical prope		properties	
hysical and chemical prope nformation on basic physic Appearance	al and chemical : Pellets.	properties	
h <b>ysical and chemical prope</b> nformation on basic physic Appearance Color	al and chemical : Pellets. : Black : Slight. : Note: The n	properties ninimum explosive concentrati	
h <b>ysical and chemical prope</b> <b>nformation on basic physic</b> Appearance Color Odor	al and chemical : Pellets. : Black : Slight. : Note: The n	ninimum explosive concentrati st varies according to particle s	
<b>hysical and chemical prope</b> <b>nformation on basic physic</b> Appearance Color Odor Lower explosion limit	al and chemical : Pellets. : Black : Slight. : Note: The n polymer dua : Note: Not a	ninimum explosive concentrati st varies according to particle s	size distribution.
hysical and chemical prope nformation on basic physic Appearance Color Odor Lower explosion limit	al and chemical : Pellets. : Black : Slight. : Note: The n polymer dus : Note: Not a : Polymer wil	ninimum explosive concentrati st varies according to particle s oplicable.	size distribution.
hysical and chemical prope nformation on basic physic Appearance Color Odor Lower explosion limit Upper explosion limit Flammability (solid, gas)	al and chemical : Pellets. : Black : Slight. : Note: The n polymer dus : Note: Not a : Polymer wil	ninimum explosive concentrati st varies according to particle s oplicable. I burn but does not easily ignit	size distribution.
hysical and chemical prope nformation on basic physic Appearance Color Odor Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties	al and chemical : Pellets. : Black : Slight. : Note: The n polymer dus : Note: Not a : Polymer wil : Not conside	ninimum explosive concentrati at varies according to particle s oplicable. I burn but does not easily ignit ared an oxidizing agent.	size distribution.
hysical and chemical prope nformation on basic physic Appearance Color Odor Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties Autoignition temperature	al and chemical : Pellets. : Black : Slight. : Note: The n polymer dus : Note: Not a : Polymer wil : Not conside : > 300 °C	ninimum explosive concentrati at varies according to particle s oplicable. I burn but does not easily ignit ared an oxidizing agent.	size distribution.
hysical and chemical prope nformation on basic physic Appearance Color Odor Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties Autoignition temperature pH	al and chemical : Pellets. : Black : Slight. : Note: The n polymer dus : Note: Not a : Polymer wil : Not conside : > 300 °C : Note: Not a	ninimum explosive concentrati st varies according to particle s oplicable. I burn but does not easily ignit ared an oxidizing agent.	size distribution.

(+) 18816996168

lyondellbasell

SDS No.: BE7902

Gen. Variant: SDS GB

Ponciplastics.com

according to Regulation (EC) No. 1907/2006

# Hifax CA 1210 G 1740

Version 1.1	Revision Date	12	2/01/2015	Print Date 04/12/2017
Vapor pressure		:	Note: Not appl	icable.
Density		:	< 1 g/cm3	
Water solubility		:	Note: Insoluble	<u>}.</u>
Partition coeffici octanol/water	ent: n-	:	Note: No Data	Available.
Viscosity, dynan	nic	:	Note: Not appl	icable.

Relative vapor density: Note: Not applicable.Evaporation rate: Note: Not applicable.

Explosive properties : No Data Available.

#### 9.2 Other information

#### 10. Stability and reactivity

#### 10.1 Reactivity

No known reactivity hazards.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions Hazardous reactions : Will not occur. 10.4 Conditions to avoid Conditions to avoid : Avoid contact with strong oxidizers, excessive heat, sparks or open flame. 10.5 Incompatible materials Materials to avoid : Material may be softened by some hydrocarbons. **10.6 Hazardous decomposition products** Hazardous decomposition : Not expected to decompose under normal conditions. products Thermal decomposition : Note: Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed. 11. Toxicological information

11.1 Information on toxicological effects

8/13

# S a

SAFETY DATA SHEET according to Regulation (EC) No. 7	(+) 18816996168 Ponciplastics.com
	Gen. Variant: SDS GB
Hifax CA 1210 G 1740 Version 1.1 Revision Date	
Acute toxicity	
Acute oral toxicity	: Not classified
Acute inhalation toxicity	: Not classified
Acute dermal toxicity	: Not classified
Skin corrosion/irritation	: Not a skin irritant.
Serious eye damage/eye irritation	: Not an eye irritant. Mechanical irritation is possible.
Respiratory or skin sensitization	: Not classified
Chronic toxicity	
Carcinogenicity	: Not classified
Germ cell mutagenicity	: Not classified
Reproductive toxicity	
Effects on fertility / Effects on or via lactation	: Not classified
Effects on Development	: Not classified
Target Organ Systemic Toxic	cant - Single exposure
	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
Target Organ Systemic Toxic	cant - Repeated exposure
	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration hazard	: Not applicable.
	9/13

AFETY DATA SHEET

 $(+)\,18816996168$ 

Ponciplastics.com



according to Regulation (EC) No. 1907/2006

#### Hifax CA 1210 G 1740 Revision Date 12/01/2015

Version 1.1

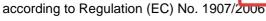
Print Date 04/12/2017

SDS No.: BE7902

12. Ecological information			
12.1 Toxicity			
Ecotoxicology Assessmen	ıt		
Acute aquatic toxicity	: Not classified		
Chronic aquatic toxicity	: Not classified		
2.2 Persistence and degradab	ility		
Biodegradability	: Not expected to be biodegradable.		
2.3 Bioaccumulative potential			
Bioaccumulation	: This material is not expected to bioaccumulate.		
2.4 Mobility in soil			
Additional advice Environmental fate and pathways	: This material is not volatile and insoluble in water.		
2.5 Results of PBT and vPvB a	assessment		
	ains no components considered to be either persistent, bioaccumulative istent and very bioaccumulative (vPvB).		
2.6 Other adverse effects			
Additional ecological information	<ul> <li>Ecotoxicity is expected to be minimal based on the low water solubility of polymers.</li> <li>No data available on this product. However, birds, fish and other wildlife may eat pellets which may obstruct their intestinal tracts.</li> </ul>		
13. Disposal considerations			
13.1 Waste treatment methods			
Product	: All recovered material should be packaged, labeled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible. Recycle if possible.		
	10 / 13		

(+) 18816996168

Ponciplastics.com



# Hifax CA 1210 G 1740

Version 1.1

Revision Date 12/01/2015

Print Date 04/12/2017

SDS No.: BE7902

lvondellbasell

Gen. Variant: SDS GB

#### 14. Transport information

Not regulated for transport

#### 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **REACh status**

If the product has been purchased from any company of the LyondellBasell group of companies registered in the European Union, we confirm that all substances in this preparation have been pre-registered or, where required under REACh, registered, and that we have the intention to proceed with their registration in accordance with the deadlines set forth in REACh. (Regulation (EU) No. 1907/2006)

#### Other international regulations

#### **Global Inventory Status**

The ingredients of this product are compliant with the following chemical inventory requirements or exemptions.

\*Additional Explanatory Status Statements follow the table, as necessary.

Country/Region	Inventory	Status Description
Australia	AICS	Compliant
Canada	DSL	Compliant
China	IECSC	Compliant
Europe	REACH	See REACH Compliance Statement
Japan	ENCS	Compliant
Korea	KECI	Compliant
New Zealand	NZIoC	Compliant
Philippines	PICCS	Compliant
United States of America	TSCA	Compliant
Taiwan	TCSCA	Compliant

Contact product.safety@lyb.com for additional global inventory information.

#### **15.2 Chemical Safety Assessment**

No information available.

#### 16. Other information

11 / 13

(+) 18816996168

Ponciplastics.com

according to Regulation (EC) No. 1907/2006

## Hifax CA 1210 G 1740

Version 1.1

Revision Date 12/01/2015

Print Date 04/12/2017

SDS No.: BE7902

lvondellbasel

Gen. Variant: SDS GB

#### Material safety datasheet sections which have been updated:

Revised Section(s): 1 2 7 8 15 November 10 2015

#### Further information

#### Disclaimer Multiple legal entities and registration numbers may be displayed in Section 1. The Recipient shall refer to the shipping documents to identify the legal entity that supplied this product. This document is generated for the purpose of distributing health, safety, and environmental data. Information is correct to the best of our knowledge at the date of the SDS publication. It is not a specification sheet nor should any displayed data be construed as a specification. Before using a product sold by a company of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT. Users should review the applicable Safety Data Sheet before handling the product. This product(s) may not be used in the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices; (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices; (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration: (iv) tobacco related products and applications, electronic cigarettes and similar devices. The product(s) may not be used in: (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices: (ii) applications involving permanent implantation into the body; (iii) life-sustaining medical applications. All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification. In addition to the above, LyondellBasell may further prohibit or restrict the use of its products in certain applications. For further information, please contact a LyondellBasell representative. The presentation of numerical data, such as that used for physical and chemical properties and toxicological values, is expressed using a comma (,) to separate digits into groups of three and a period (.) as the decimal marker. For example, 1,234.56 mg/kg = 1 234,56 mg/kg. Adflex, Adstif, Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Aquathene, Avant, Catalloy, Clyrell, Dexflex, Flexathene, Hifax, Histif, Hostacom, Hostalen, Indure, Integrate, Koattro, Lucalen, Luflexen, Lupolen, Metocene, Microthene, Moplen, Nexprene, Petrothene, Plexar, Pristene, Pro-12/13



Ponciplastics.com

according to Regulation (EC) No. 1907/2006

# Hifax CA 1210 G 1740

Version 1.1

Revision Date 12/01/2015

Print Date 04/12/2017

SDS No.: BE7902

П

lyondellbasell

Gen. Variant: SDS\_GB

#### Disclaimer

Fax, Purell, Sequel, Softell, Starflex, Ultrathene, and Valtec are trademarks owned or used by the LyondellBasell family of companies.