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Hifax TYC 762PLS YGYA Version 1.1 Revision Date 12		Gen. Variant: SDS_US_GHS e 12/23/2019 SDS No.: BE5558
	/19/2017 Plint Dat	12/23/2019 SDS NO BE5558
1. IDENTIFICATION OF THE SUBST	ANCE/MIXTURE AND	OF THE COMPANY/UNDERTAKING
Trade name :	Hifax TYC 762PLS Y	GYA BLK
CAS Number: : Chemical name :	Mixture Compounded polyolef	fin
Synonyms :	Polyolefin, Compound	
Identified uses :	Manufacture of plastic or other conversion pr	c articles by injection molding, extrusion rocess.
Prohibited uses :	devices; Health Canad	devices; European class III medical da class IV Medical Devices; permanent implantation into the body; al applications
<u>Company Address</u>	Company	<u>Telephone</u>
Equistar Chemicals, LP	Customer	Service 888 777-0232
LyondellBasell Tower, Suite 300	product.sa	lfety@lyb.com
1221 McKinney St. P.O. Box 2583		
Houston Texas 77252-2583		
Emergency telephone number EQUISTAR 800-245-4532		
E-mail address : Responsible/issuing person	product.safety@lyb.co	m
2. HAZARDS IDENTIFICATION		
GHS Classification		
OSHA Hazard Category: Corr	ibustible Dust	
Label elements		
Signal word :	Warning	
Hazard Statements :	-	e generated during further processing, neans, may form combustible dust
Other hazards		
No additional information avail		
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Ponciplastics.com BLK 2/19/2017 Print Date 1 N INGREDIENTS CAS-No. Mixture nd fillers : Take proper precautions before attempting rescue	Gen. Variant: SDS_US_GH 2/23/2019 SDS No.: BE5 Weight % 50.0 - 80.0 %
X INGREDIENTS CAS-No. Mixture nd fillers : Take proper precautions	Gen. Variant: SDS_US_GH 2/23/2019 SDS No.: BE5 <u>Weight %</u> 50.0 - 80.0 %
X INGREDIENTS CAS-No. Mixture nd fillers : Take proper precautions	2/23/2019 SDS No.: BES <u>Weight %</u> 50.0 - 80.0 %
N INGREDIENTS CAS-No. Mixture nd fillers : Take proper precautions	Weight % 50.0 - 80.0 % s to ensure your own health and saf
CAS-No. Mixture nd fillers : Take proper precautions	50.0 - 80.0 %
CAS-No. Mixture nd fillers : Take proper precautions	50.0 - 80.0 %
CAS-No. Mixture nd fillers : Take proper precautions	50.0 - 80.0 %
Mixture nd fillers : Take proper precautions	50.0 - 80.0 %
Mixture nd fillers : Take proper precautions	50.0 - 80.0 %
Mixture nd fillers : Take proper precautions	50.0 - 80.0 %
nd fillers : Take proper precautions	to ensure your own health and safe
: Take proper precautions	
: Take proper precautions	
	e and providing first aid.
	air. If signs/symptoms continue, ge
	alation of fumes that may be genera
during heating of this ma	aterial, move the person to fresh air
	a. ecessary give Cardio-Pulmonary
Resuscitation (CPR)	
· If molten material contac	ats the skin immediately flush with
large amounts of water t	to cool the affected tissue and polyr
	olymer from skin as this will remove
Obtain immediate emerg	gency medical attention if burn is de
or extensive.	
: Flush eves thoroughly w	vith water for several minutes and se
medical attention if disco	
: In case of eye contact w	ith molten polymer:
• • •	s) with cool running water for at leas
Beyond flushing, DO NO	DT attempt to remove the material
	al attention.
Adverse health effects d	lue to ingestion are not anticipated.
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:	 Remove person to fresh medical attention. In case of excessive inhibit during heating of this may obtain medical attention Keep person warm, if ne Resuscitation (CPR) If molten material contact large amounts of water to Do not attempt to peel p skin. Obtain immediate emergion extensive. Flush eyes thoroughly we medical attention if discontant for the set of eye contact we Continuously flush eye(se minutes. Beyond flushing, DO NC adherent to the eye(s). Immediately seek medical attention if discontant immediately seek medical attention if discontant is a set of the set of

SAFETY DATA SHEET Ponciplastics.com Hifax TYC 762PLS YGYA BLK Gen. Variant: SI Version 1.1 Revision Date 12/19/2017 Print Date 12/23/2019 SDS Notes to physician Symptoms : Inhalation of process fumes and vapors may cause the nose and throat and coughing. Hazards : Dust contact with the eyes can lead to mechanica Molten polymer may cause thermal burns. Treatment : Treatment of overexposure should be directed at symptoms and the clinical condition of the patient 5. FIRE-FIGHTING MEASURES : SMALL FIRE: Suitable extinguishing media : SMALL FIRES: Unsuitable extinguishing media : SMALL FIRES: Unsuitable extinguishing media : None known. Specific hazards during fire fighting : None known. : Keep away from heat and sources of ignition. In case of fire hazardous decomposition products produced such as: : Carbon monoxide, carbon dioxide and unburned (smoke).	DS_US_GHS S No.: BE555 se soreness i al irritation.
Hifax TYC 762PLS YGYABLK Gen. Variant: SI Version 1.1 Revision Date 12/19/2017 Print Date 12/23/2019 SDS Notes to physician Symptoms : Inhalation of process fumes and vapors may cause the nose and throat and coughing. Hazards : Dust contact with the eyes can lead to mechanica Molten polymer may cause thermal burns. Hazards : Dust contact with the eyes can lead to mechanica Molten polymer may cause thermal burns. Treatment : Treatment of overexposure should be directed at symptoms and the clinical condition of the patient 5. FIRE-FIGHTING MEASURES : SMALL FIRE: Use dry chemical, CO2, or water spray. : LARGE FIRES: Use water spray hose nozzles from a safe location in case of fire hazardous decomposition products produced such as: Carbon monoxide, carbon dioxide and unburned	DS_US_GHS S No.: BE555 se soreness i al irritation.
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Specific hazards during fire fighting : Keep away from heat and sources of ignition. In case of fire hazardous decomposition products produced such as: Carbon monoxide, carbon dioxide and unburned	
	·
Special protective equipment : Wear approved positive pressure self-contained apparatus and firefighter protective clothing.	breathing
 Further information Combustible particulate solid, will decompose un conditions. Calorific Value: 8000 - 11000 kcal/kg Fight fire from safe distance with hose lines or me Heat from fire may melt, decompose polymer, an flammable vapors. Move containers from fire area if it can be done v Evacuate immediately in the event of opening of container pressure relief devices or discoloration Always stay away from tanks engulfed in fire. Do not attempt to get on top of storage containers fire. Cool storage containers with large volumes of wa fire is out. 	onitor nozzles d generate vithout risk. storage
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6. ACCIDENTAL RELEASE MEAS	URES
Personal precautions	 Equip responders with proper protection. Creates dangerous slipping hazard on any hard smooth surface.
	Equip emergency responders with proper personal protective equipment (PPE) Avoid generating dust. Avoid dispersal of dust in the air (i.e., clearing dust surfaces
	with compressed air). Potential combustible dust hazard.
	Polymer particles create slipping hazard on hard smooth surfaces.
Environmental precautions	: Do not flush into surface water or sanitary sewer system.
Methods for containment / Methods for cleaning up	 On land, sweep/shovel into suitable disposal containers or vacuum using equipment which avoids ignition risk. On water, material is insoluble; collect and contain as any solid.
	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.
7. Handling and storage	
Precautions for safe handlin	g
Advice on safe handling	 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. Use dust collection systems designed per NFPA 654 to avoid dust accumulation. Avoid generating dust; fine dust suspended in air and in the
	presence of an ignition source is a potential dust explosion hazard. Static discharge (spark), or other ignition sources, in high dust environments may ignite the dust and result in a dust
	explosion Electrostatic charge may build during conveying or handling. Equipment handling polymer should be conductive and
	grounded (earthed) and bonded.
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		in the terreform of this workship!
	should be grounded and l	in the transfer of this material
		hould conform to applicable electric
	e , ,	uirements for areas handling
	combustible dusts.	sh hands thoroughly with soap and
	water.	sh hands thoroughly with soap and
	When bringing the materia	al to processing temperatures vapors
		se in the exhaust ventilation. See
	section 10. Refer to NERA 654 Stand	dard for the Prevention of Fire and
		Manufacturing, Processing, and
		Particulate Solids, for safe handling.
Fire-fighting class	: Polymer will burn but does	s not easily ignite.
	,	
Conditions for safe storage,	, including any incompatibili	ties
Requirements for storage	: Store in a dry location.	
areas and containers		practices during storage, transferring closures and adequate ventilation
	5	excessive dust accumulation.
	Store away from excessiv	e heat and away from strong
	oxidizing agents.	
	Keep container closed to	the build up of electrostatic charge.
		The band up of electrostatic charge.
Specific end use(s)		
	: See Section 1.	
8. EXPOSURE CONTROLS/PERS	UNAL PRUIECTION	

Control parameters

Ingredients with workplace control parameters

Occupational Exposure Limits

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

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Hifax TYC 76	2PLS YGYA	BLK		Gen. Variant	: SDS_US_GHS
	Revision Date 12		Print Date 12	/23/2019	SDS No.: BE5558
Materials that can		TWA	3 mg/m3	US (ACGIH)	
be formed when			respirable	2005	
handling this					
product: Non-					
specified (inert or					
nuisance) dust					
Materials that can		TWA	15 mg/m3	US (OSHA)	
be formed when			total dust	2005	
handling this					
product: Non-					
specified (inert or					
nuisance) dust					
Materials that can		TWA	5 mg/m3	US (OSHA)	
be formed when			respirable	2005	
handling this					
product: Non-					
specified (inert or					
nuisance) dust					

Consult local authorities for acceptable exposure limits.

Exposure controls

Engineering measures

Follow the recommendations in 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. Equipment and vessels handling combustible dust from this material should be designed to either prevent dust explosions (inerting) or safely vent dust explosions per NFPA 654 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	 Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use appropriate respiratory protection where atmosphere exceeds recommended limits. Where workers could be exposed to dust concentrations above the exposure limit they must use appropriate certified respirators.
Hand protection	: Wear gloves that provide thermal protection where there is a potential for contact with heated material.
Eye and face protection	: Dust service goggles should be worn to prevent mechanical
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	injury or other irritation to eyes due to airborne particles whic may result from handling this product.
Skin and body protection	: Wear suitable protective clothing.
Hygiene measures	 Selection of appropriate personal protective equipment shou be based on an evaluation of the performance characteristic of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Take off contaminated clothing and wash before reuse.
PHYSICAL AND CHEMICAL I	PROPERTIES
Appearance	: Pellets.
Appearance Color	: Pellets. : Black
Color	: Black
Color Odor	: Black : Slight.
Color Odor Odor Threshold	: Black : Slight. : No value available.
Color Odor Odor Threshold Flash point	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer due
Color Odor Odor Threshold Flash point Lower explosion limit	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution.
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. Not applicable.
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit Flammability (solid, gas)	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. Not applicable. Polymer will burn but does not easily ignite.
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties	 : Black : Slight. : No value available. : No Data Available. : The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. : Not applicable. : Polymer will burn but does not easily ignite. : Not considered an oxidizing agent. : > 300 °C
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties Autoignition temperature	 : Black : Slight. : No value available. : No Data Available. : The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. : Not applicable. : Polymer will burn but does not easily ignite. : Not considered an oxidizing agent. : > 300 °C
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties Autoignition temperature Decomposition temperature	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. Not applicable. Not applicable. Polymer will burn but does not easily ignite. Not considered an oxidizing agent. > 300 °C not determined
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties Autoignition temperature Decomposition temperature Melting point/range	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. Not applicable. Polymer will burn but does not easily ignite. Not considered an oxidizing agent. > 300 °C not determined 50 - 170 °C
Color Odor Odor Threshold Flash point Lower explosion limit Upper explosion limit Flammability (solid, gas) Oxidizing properties Autoignition temperature Decomposition temperature Melting point/range Boiling point/boiling range	 Black Slight. No value available. No Data Available. The minimum explosive concentration (MEC) for polymer du varies according to particle size distribution. Not applicable. Polymer will burn but does not easily ignite. Not considered an oxidizing agent. > 300 °C not determined 50 - 170 °C Not applicable.

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Partition coefficient: n- octanol/water	: No Data Available.
Viscosity, dynamic	: Not applicable.
Relative vapor density	: Not applicable.
Evaporation rate	: Not applicable.
Explosive properties	: No Data Available.
Other Information	: No additional information available.
. STABILITY AND REACTIVITY	(
Reactivity	: No known reactivity hazards.
Chemical stability	: Stable under normal conditions.
Hazardous reactions	: Will not occur.
Conditions to avoid	: Avoid contact with strong oxidizers, excessive heat, sparks o open flame.
Materials to avoid	: Material may be softened by some hydrocarbons.
Hazardous decomposition products	: Not expected to decompose under normal conditions.
Thermal decomposition	: Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed.
. TOXICOLOGICAL INFORMAT	ΓΙΟΝ
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.
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Ifan TYC 762PLS YEAL Gen. Variant: SDS.US resion 1.1 Revision Date 12/19/2017 Print Date 12/23/2019 SDS No.: Markin: Start SDS No.: Markin: Start SDS No.: Markin: SDS No.: Contrait: SDS No.: Contrait: Signe 12/2012 Set Not classified Contrains: Component(s) listed by IARC as possibly Contrains: Component(s) marking release under normal conditions of use, transport and storage. Maretion Mat	OSHA Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation bt classified as specific target e. bt classified as specific target
Image: Section 1.1 Revision Date 12/19/201 Print Date 12/23/201 SDS No.: Instant 1.1 Revision Date 12/19/201 Print Date 12/23/201 SDS No.: Respiratory or skin sensitization : Not classified Demoistration Image: Section Sectin Section Section Sectin Section Section Section Sectin Section S	Gen. Variant: SDS_US_GH 2019 SDS No.: BE5
Revision Date 12/19/2017 Print Date 12/23/2019 SDS No.: Respiratory or skin sensitization : Not classified Chronic toxicity 	2019 SDS No.: BE5 OSHA Present Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation by IARC as possibly in a thermoplastic resin with conditions of use, transportation bt classified as specific target e. bt classified as specific target e.
Revision 1.1 Revision Date 12/19/2017 Print Date 12/23/2019 SDS No.: Respiratory or skin sensitization : Not classified Chronic toxicity 	2019 SDS No.: BE5 OSHA Present Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation by IARC as possibly in a thermoplastic resin with conditions of use, transportation bt classified as specific target e. bt classified as specific target e.
Respiratory or skin sensitization : Not classified Chronic toxicity Image: Component Name NTP Image: Component Name Control Strategy	OSHA Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation bt classified as specific target e. bt classified as specific target
sensitization Chronic toxicity 	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e.
sensitization Chronic toxicity <u>Component Name</u> NTP IARC OSHA Carbon Black 28 Present Carbon Black 28 Present Carcinogenicity : Not classified Present Carcinogenicity : Not classified Contains component(s) listed by IARC as possibly carcinogenic to humans. This material is encapsulated in a thermoplastic resin will imited release under normal conditions of use, transport and storage. Germ cell mutagenicity : Not classified Effects on fertility / : Not classified Effects on fertility / : Not classified Effects on Development : Not classified Target Organ Systemic Toxicant - Single exposure : The substance or mixture is not classified as specific tar organ toxicant, single exposure. Target Organ Systemic Toxicant - Repeated exposure : The substance or mixture is not classified as specific tar organ toxicant, repeated exposure. Aspiration hazard : Not applicable. ECOLOGICAL INFORMATION Ecotoxicology Assessment Acute aquatic toxicity : Not classified	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e.
sensitization Chronic toxicity <u>Component Name</u> NTP IARC OSHA Carbon Black 28 Present Carbon Black 28 Present Carcinogenicity : Not classified Present Carcinogenicity : Not classified Contains component(s) listed by IARC as possibly carcinogenic to humans. This material is encapsulated in a thermoplastic resin will imited release under normal conditions of use, transport and storage. Germ cell mutagenicity : Not classified Effects on fertility / : Not classified Effects on fertility / : Not classified Effects on Development : Not classified Target Organ Systemic Toxicant - Single exposure : The substance or mixture is not classified as specific tar organ toxicant, single exposure. Target Organ Systemic Toxicant - Repeated exposure : The substance or mixture is not classified as specific tar organ toxicant, repeated exposure. Aspiration hazard : Not applicable. ECOLOGICAL INFORMATION Ecotoxicology Assessment Acute aquatic toxicity : Not classified	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e.
sensitization Chronic toxicity <u>Carbon Black</u> NTP IARC OSHA Carbon Black 28 Present Titanium Dioxide 28 Present Carcinogenicity Key and the sense of th	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e. ot classified as specific target
Component Name NTP IARC OSHA Carbon Black 2B Present Titanium Dioxide 2B Present Carcinogenicity : Not classified Contains component(s) listed by IARC as possibly carcinogenic to humans. This material is encapsulated in a thermoplastic resin within the release under normal conditions of use, transport and storage. Germ cell mutagenicity : Not classified Reproductive toxicity : Not classified Effects on fertility / : Not classified Effects on or via lactation : Not classified Effects on Development : Not classified Target Organ Systemic Toxicant - Single exposure : The substance or mixture is not classified as specific tar organ toxicant, single exposure. Target Organ Systemic Toxicant - Repeated exposure. : The substance or mixture is not classified as specific tar organ toxicant, repeated exposure. Aspiration hazard : Not applicable. EcologiCAL INFORMATION : Not applicable. Ecotoxicology Assessment Acute aquatic toxicity : Not classified	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e.
Component Name NTP IARC OSHA Carbon Black 2B Present Titanium Dioxide 2B Present Carcinogenicity : Not classified Contains component(s) listed by IARC as possibly carcinogenic to humans. This material is encapsulated in a thermoplastic resin within the release under normal conditions of use, transport and storage. Germ cell mutagenicity : Not classified Reproductive toxicity : Not classified Effects on fertility / : Not classified Effects on or via lactation : Not classified Effects on Development : Not classified Target Organ Systemic Toxicant - Single exposure : The substance or mixture is not classified as specific tar organ toxicant, single exposure. Target Organ Systemic Toxicant - Repeated exposure. : The substance or mixture is not classified as specific tar organ toxicant, repeated exposure. Aspiration hazard : Not applicable. EcologiCAL INFORMATION : Not applicable. Ecotoxicology Assessment Acute aquatic toxicity : Not classified	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e.
Carbon Black 2B Present Carcinogenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Contains component(s) listed by IARC as possibly carcinogenic to humans. This material is encapsulated in a thermoplastic resin within the release under normal conditions of use, transportand storage. Germ cell mutagenicity : Not classified Reproductive toxicity : Effects on fertility / : Not classified Effects on Development : Not classified Target Organ Systemic Toxicant - Single exposure : The substance or mixture is not classified as specific tar organ toxicant, single exposure. Target Organ Systemic Toxicant - Repeated exposure : The substance or mixture is not classified as specific tar organ toxicant, repeated exposure. Aspiration hazard : Not applicable. ECOLOGICAL INFORMATION Ecotoxicology Assessment Acute aquatic toxicity : Not classified	Present Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation ot classified as specific target e.
Titanium Dioxide 2B Present Carcinogenicity : Not classified Not classified Contains component(s) listed by IARC as possibly carcinogenic to humans. This material is encapsulated in a thermoplastic resin wi limited release under normal conditions of use, transpor and storage. 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 Toxicant - Single exposure : The substance or mixture is not classified as specific tar organ toxicant, single exposure. Target Organ Systemic Toxicant - Repeated exposure : The substance or mixture is not classified as specific tar organ toxicant, repeated exposure. Aspiration hazard : Not applicable. ECOLOGICAL INFORMATION Ecotoxicology Assessment Acute aquatic toxicity : Not classified	Present by IARC as possibly in a thermoplastic resin with conditions of use, transportation of classified as specific target e. ot classified as specific target
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SAFETY DATA SHEET	Ponciplastics.com		
Hifax TYC 762PLS YG			
Version 1.1 Revision Date	12/19/2017 Print Date 12/23/2019 SDS No.: BE5558		
Chronic aquatic toxicity	: Not classified		
Persistence and degradability			
Biodegradability	: Not expected to be biodegradable.		
Bioaccumulative potential			
Bioaccumulation	: This material is not expected to bioaccumulate.		
Mobility in soil			
Additional advice Environmental fate and pathways	: This material is not volatile and insoluble in water.		
Results of PBT and vPvB assess	nent		
Not applicable.			
Other adverse effects			
Additional ecological information	 Ecotoxicity is expected to be minimal based on the low water solubility of polymers. No data available on this product. However, birds, fish and other wildlife may eat pellets which may obstruct their intestinal tracts. 		
13. Disposal considerations			
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.		
	: This material is classified as a Non-hazardous Material by RCRA.		
14. TRANSPORT INFORMATION			
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Gen. Variant: SDS US GHS

Hifax TYC 762PLS YGYA BLK

Version 1.1

Revision Date 12/19/2017

Print Date 12/23/2019

SDS No.: BE5558

Not regulated for transport

15. REGULATORY INFORMATION

If identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

SARA 302/304

This product contains no known chemicals regulated under SARA 302/304.

SARA 311/312

Based upon available information, this material is classified as the following health and/or physical hazards according to Section 311 & 312:

Physical Hazards

Combustible dust

SARA 313

This product contains no known chemicals regulated under SARA 313.

State Reporting

This material may contain trace levels of the following chemical substance(s) regulated under California Proposition 65. However, LyondellBasell has not tested for the presence of listed chemical substances. It is the responsibility of the California business owner to develop his or her own regulatory compliance plan. Contact Product Safety for further information at product.safety@lyb.com.

Substance	CASRN	Type of Toxicity			
		Carcinogen	Developmental	Repro-Male	Repro-
					Female
Hexachlorobenzene	118-74-1	Х	Х		
Lead	7439-92-1	Х	Х	Х	Х
Cadmium	7440-43-9	Х	Х	Х	
Chromium	7440-47-3	Х			
Arsenic	7440-38-2	Х			
Nickel	7440-02-0	Х			
Mercury	7439-97-6		Х		

This product contains the following chemicals regulated by New Jersey's Worker and Community Right to Know Act:

14807-96-6	Talc, Magnesium Silicate
1333-86-4	Carbon Black

This product contains the following chemicals regulated by Massachusetts' Right to Know Law:

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SAFE	TY DA	TA SHEET			lyondellbasell
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Lifay		762PLS YGYA			Gen. Variant: SDS_US_GHS
Version	-	Revision Date 12/		at Data 11	2/23/2019 SDS No.: BE5558
version	1 1.1	Revision Date 12/	19/2017 Pili		2/23/2019 5D5 NO BE5558
14807-9	96-6	Talc, Magnesium S	ilicate		
		, Ç			
This pro	duct conta	ains the following che	micals regulated	by Penns	sylvania's Right to Know Act:
		0	Ũ		
14807-9	96-6	Talc, Magnesium S	ilicate		
1333-86	6-4	Carbon Black			
Other in	nternatior	nal regulations			
Global	Inventory	Status			
			noliant with the fo	lowing ch	nemical inventory requirements or
exempti				iowing of	iennear mentery requiremente er
		al Explanatory Status	Statements follow	v the tabl	le, as necessary.
	Country	/Region	Inventory	Status	Description
	Australia	l	AICS	Complia	ant
	Canada		DSL	Complia	
	China		IECSC	Complia	
	Europe		REACH	See RE	ACH Compliance Statement

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	Not Determined

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)

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

16. OTHER INFORMATION

Material safety datasheet sections which have been updated:

Revised Section(s): 1 15 16 December 14 2017

 HMIS Classification
 : Health Hazard: 0

 Flammability: 1
 0

 Physical hazards: 0
 0

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SAFETY DATA SHEET	Ponciplastics.com	lyondellbasel
Hifax TYC 762PLS YGY		Gen. Variant: SDS_US_GHS 3/2019 SDS No.: BE555
NFPA Classification :	Health Hazard: 0 Fire Hazard: 1 Instability: 0	
Further information		
HMIS rating scale (0 = minimal NFPA rating scale (0 = minimal		
	Disclaimer	
data. Information is correct to the beat t is not a specification sheet in Before using a product sold by should make their own indeperuse and can be used safely an SELLER MAKES NO WARRA OF MERCHANTABILITY OR FWARRANTY) OTHER THAN A CONTRACT. Users should review the application this product(s) may not be use approval by Seller for each specified to the aforementioned medical des (iii) packaging in direct contact is intended for inhalation, inject (skin) administration; (iv) tobacco related products a (v) safety components in autor and covers, seat belt mechanis systems.	ad legally. NTY; EXPRESS OR IMPLIED (FITNESS FOR A PARTICULAR AS SEPARATELY AGREED TO able Safety Data Sheet before ed in the manufacture of any of ecific product and application: cal Devices; Health Canada Class fedical Devices; ict packaging that is considered evices; with a pharmaceutical active in tion, intravenous, nasal, ophthal and applications, for example sms, brake systems, pedals and	of the SDS publication. e construed as a specification. ell family of companies, users oduct is suitable for the intended INCLUDING ANY WARRANTY PURPOSE OR ANY D BY THE PARTIES IN A handling the product. the following, without prior written ss I, II or III Medical Devices; a part or component of one of ogredient and/or dosage form that lmic (eye), digestive, or topical rettes and similar devices.
Class III Medical Devices;	Devices; Health Canada Class I anent implantation into the body	•
All references to U.S. FDA, He	alth Canada, and European Un	ion regulations include another
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SAFETY DATA SHEET

lyondellbasel

Gen. Variant: SDS US GHS

Hifax TYC 762PLS YGYA BLK

Version 1.1

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Print Date 12/23/2019

SDS No.: BE5558

Disclaimer

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.

Adflex, Adstif, Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Aquathene, Avant, Catalloy, Clyrell, Dexflex, Flexathene, Hifax, Hipolyene, Histif, Hostacom, Hostalen, Indure, Integrate, Koattro, Lucalen, Luflexen, Lupolen, Metocene, Microthene, Moplen, Nexprene, Petrothene, Plexar, Pristene, Pro-Fax, Purell, Sequel, SJS, Softell, Starflex, Ultrathene, and Valtec are trademarks owned or used by the LyondellBasell family of companies.

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Product Information

HMIS rating scale (0 = minimal hazard; 4 = severe hazard) NFPA rating scale (0 = minimal hazard; 4 = severe hazard)

Numerical Data Presentation

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.

Language Translations

The information presented in this document has been translated from English by a vendor LyondellBasell believes to be reliable. LyondellBasell and its vendor have made a good-faith effort to verify the accuracy of the translation, but assume no liability or other responsibility for any errors that may have occurred. Please refer to our web site (www.lyondellbasell.com) for the original document written in English.

End of Material Safety Data Sheet