PolyOne

## MATERIAL SAFETY DATA SHEET **SLPBT 131975**

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1. PRODUCT AND COMPANY IDENTIFICATION							
POLYONE CORPORATI 33587 Walker Road, Avoi		OH 44012					
Telephone Emergency telephone number	:	1 (440) 930-1000 or 1 (866) POLYONE CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).					
Product name	:	SLPBT 131975					
Product code	:	CC10131975					
Chemical Name	:	Mixture					
CAS-No.	:	Mixture					
Product Use		Industrial Applications					

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent	
Zinc stearate	557-05-1	5 - 10	

#### **3. HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

#### POTENTIAL HEALTH EFFECTS

<b>Routes of Exposure:</b>	: Inhalation, Ingestion, Skin contact
Acute exposure	
Inhalation	: Resin particles, like other inert materials, can be mechanically irritating.
Ingestion	: May be harmful if swallowed.
Eyes	: Resin particles, like other inert materials, are mechanically irritating to eyes.
Skin	: Experience shows no unusual dermatitis hazard from routine handling.
Chronic exposure	: Refer to Section 11 for Toxicological Information.

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Medical Conditions Aggravated by Exposure:	: None known.
	4. FIRST AID MEASURES
Inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases or doubt seek medical advice.
Ingestion	: Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.
Eyes	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.
Skin	: Wash off with soap and plenty of water. If skin irritation persists seek medical attention.
	5. FIREFIGHTING MEASURES
Flash point	: not applicable
Flammable Limits Upper explosion limit Lower explosion limit Auto-ignition temperature Suitable extinguishing media Special Fire Fighting Procedures Unusual Fire/Explosion Hazards	<ul> <li>not applicable</li> <li>not applicable</li> <li>not applicable</li> <li>Carbon dioxide blanket, Water spray, Dry powder, Foam.</li> <li>Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.</li> <li>Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.</li> </ul>
	6. ACCIDENTAL RELEASE MEASURES
Personal precautions	: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
Environmental precautions	: Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.
Methods for cleaning up	: Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal.
	7. HANDLING AND STORAGE
Handling	: Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation.



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Storage	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.	
8. EXI	SURE CONTROLS/PERSONAL PROTECTION	
Respiratory protection	: No personal respiratory protective equipment normally required.	
Eye/Face Protection	: Safety glasses with side-shields	
Hand protection	: Protective gloves	
Skin and body protection	: Long sleeved clothing	
Additional Protective Measures	: Safety shoes	
General Hygiene Considerations	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	
Engineering measures	: Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.	

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Zinc stearate	5 mg/m3	Recommended exposure limit (REL):	Respirable.	NIOSH
	10 mg/m3	Recommended exposure limit (REL):	Total	NIOSH
	5 mg/m3	PEL:	Respirable fraction.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	5 mg/m3	Time Weighted Average (TWA):	Respirable fraction.	OSHA Z1A
	10 mg/m3	Time Weighted Average (TWA):	Total dust.	OSHA Z1A
	10 mg/m3	Time Weighted Average (TWA):		MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):		MX OEL
	10 mg/m3	Time Weighted Average (TWA):		ACGIH

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form Appearance Colour Odour Melting point/range
- : solid
  : pellets
  : NO PIGMENT
  : very faint
  : Not determined
- Evapouration rate Specific Gravity Bulk density Vapour pressure Vapour density
- Not applicable
  Not determined
  Not established
  not applicable
  not applicable



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Boiling Point: Water solubility	: not applicable : insoluble	рН	: not applicable
	10. STABILITY A	ND REACTIVITY	
Stability	: The product is s	table if stored and hand	dled as prescribed.
Hazardous Polymerization	: Will not occur.		
Conditions to avoid	: Keep away from decomposition, o	00	open flame. To avoid thermal
Incompatible Materials	: Incompatible wi	th strong acids and oxi	idizing agents.
Hazardous decomposition products			de (CO), oxides of nitrogen smoke are all possible.

#### **11. TOXICOLOGICAL INFORMATION**

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

#### **Toxicity Overview**

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
557-05-1	Zinc stearate	Systemic effects	Eyes, Skin, Respiratory system.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No. Chemical Name Route Value Specie								
557-05-1 Zinc stearate		Oral LD50	> 10 gm/kg	rat				
	12. ECOLOGICAL INFORMATION							

	4.0	
Additional advice	:	no data available
Bioaccumulation Potential	:	Chemicals are not readily available as they are bound within the polymer matrix.
Environmental Toxicity	:	Chemicals are not readily available as they are bound within the polymer matrix.
Persistence and degradability	:	Not readily biodegradable.

#### 13. DISPOSAL CONSIDERATIONS

Product

: Like most thermoplastic plastics the product can be recycled. Where



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Contaminated packaging	<ul> <li>possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.</li> <li>Recycling is preferred when possible. The generator of waste</li> </ul>			
	material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.			
	14. TRANSPORT INFORMATION			
U.S. DOT Classification	: Not regulated for transportation.			
ICAO/IATA	: Refer to specific regulation.			
IMO/IMDG (maritime)	: Refer to specific regulation.			
	15. REGULATORY INFORMATION			
US Regulations:				
OSHA Status	: Classified as hazardous based on components.			
TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.				
US. EPA CERCLA Hazardous	Substances (40 CFR 302)			
not applicable				
California Proposition 65	: Not applicable			
SARA Title III Section 302 Ex	tremely Hazardous Substance			
Unless specific chemicals are	dentified under this section, this product is Not Applicable under this regulati			
SARA Title III Section 313 To	xic Chemicals:			
	dentified under this section, this product is Not Applicable under this regulati			
Unless specific chemicals are	centified under this section, this product is not repricable under this regulati			
Unless specific chemicals are i Chemical Name ZINC COMPOUNDS	CAS-No.         Weight percent           557-05-1         5.00 - 10.00			

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Sational Pollutant Release Inventory (NPRI)         Mational Pollutant Release Inventory (NPRI)         Chemical Name       CAS-No.       Weight       NPRI ID#         jercent       557-05-1       5.00 - 10.00       iercent         WHMIS Classification       r       Not controlled.         DSL       r       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:         Australia AICS       r       Listed         Europe EINECS       r       Listed         Japan ENCS       r       Not determined         Korea KECI       r       Listed         Philippines PICCS       r       Listed	Version Number 1.1 Revision Date 03/26/2014					Page 6 of 6 Print Date   4/1/2014
Chemical Name       CAS-No.       Weight percent       NPRI ID#         Zinc stearate       557-05-1       5.00 - 10.00	Canadian Regulations:					
Image: Product of the structure of the stru	National Pollutant Release	se Ir	nventory (NPRI)			
Zinc stearate557-05-15.00 - 10.00WHMIS Classification:Not controlled.DSL:All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.National Inventories:Australia AICS:Australia AICS:ListedChina IECS:ListedEurope EINECS:ListedJapan ENCS:Not determinedKorea KECI:ListedPhilippines PICCS:Listed	Chemical Name			CAS-No.	Weight	NPRI ID#
WHMIS Classification       :       Not controlled.         DSL       :       All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.         National Inventories:       .         Australia AICS       :       Listed         China IECS       :       Listed         Europe EINECS       :       Listed         Japan ENCS       :       Not determined         Korea KECI       :       Listed         Philippines PICCS       :       Listed						
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Australia AICS:ListedChina IECS:ListedEurope EINECS:ListedJapan ENCS:Not determinedKorea KECI:ListedPhilippines PICCS:Listed	DSL	•	All components			n Domestic
China IECS:ListedEurope EINECS:ListedJapan ENCS:Not determinedKorea KECI:ListedPhilippines PICCS:Listed	National Inventories:					
Europe EINECS:ListedJapan ENCS:Not determinedKorea KECI:ListedPhilippines PICCS:Listed	Australia AICS	:	Listed			
Japan ENCS       : Not determined         Korea KECI       : Listed         Philippines PICCS       : Listed	China IECS	:	Listed			
Korea KECI : Listed Philippines PICCS : Listed	Europe EINECS	:	Listed			
Philippines PICCS : Listed	Japan ENCS	:	Not determined			
	Korea KECI	:	Listed			
16 OTHER INFORMATION	Philippines PICCS	:	Listed			
IU, UI HEK INFURMATION			16. OTHER I	NFORMATION	N	

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.