



SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	LABTEC Polypropylene Beads
Other means of identification	PB50-CX or PB100-CX
Recommended use and restrictions on use	Anti-slip Additive
Initial supplier identifier	LabSurface. 101-1079, rue des Forges, Terrebonne, QC, J6Y 0J9 (Canada) Tél. (450) 966-9000
Emergency telephone number/restriction on use	Canada – CANUTEC Number 24 hours 613-996-6666

Section 2. Hazard Identification

Classification of hazardous product (name of the category or subcategory of the hazard class)	Not a hazardous substance or mixture.
Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)	
Warning This product is not considered hazardous according to WHMIS 2015. OSHA Hazard Communication Standard (29 CFR 1910.1200) May form COMBUSTIBLE DUST CONCENTRATIONS in the air. Regulation (EC) No. 1272/2008 Not a hazardous substance or mixture.	
Prevention P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No smoking. P280 Wear gloves/protective clothing/gloves/eye protection/face protection. This powder could generate static electricity during handling. Extreme caution should be taken when removing powder from this container in the presence of flammable liquids or vapors. These products are micronized powders. Static charges on the powders may ignite flammable atmospheres. High levels of product dust in the atmosphere may present a dust explosion hazard. (See Dust Hazard Reference in Section 16.)	
Storage Not applicable	
Elimination Not applicable	
Other hazards known	None

Section 3. Composition/Information on Ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)*
No dangerous ingredients	-	-

*Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).

Section 4. First-Aid Measures

Inhalation	IF INHALED: Immediately flush with copious amounts of water for at least 20 minutes. If symptoms persist, get medical attention.
Ingestion	IF SWALLOWED: Do not induce vomiting. Dilute with 1-2 glasses of water. . If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If symptoms develop, consult a physician.
Skin contact	IF ON SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water. Consult a physician if symptoms persist.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (20 - 30 minutes). Remove contact lenses if present, and flush eyes with water to remove particles; consult a physician if symptoms persist.
Most important symptoms and effects (acute or delayed)	May irritate people with skin problems, asthma and lung diseases. Susceptible individuals may have an allergic reaction.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

Section 5. Fire-Fighting Measures

Specific hazards of the hazardous product (hazardous combustion products)	Combustible solid. Melts in proximity to fires, causing slippery floors and stairs. When powder is suspended in air, these products could be FLAMMABLE/EXPLOSIVE. Refer to NFPA Bulletin 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries", for safe handling procedures
Suitable and unsuitable extinguishing media	In case of fire: Use Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and protective clothing approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use spray to keep containers cool.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	A dust mask and goggles are recommended to prevent possible irritation from airborne particles. Wear recommended personal protective equipment. Remove ignition sources. Sweep up with a minimum of dusting. Keep away from heat or flame. HAZARD WARNING. These products are micronized powders. Static charges on the powders may ignite flammable atmospheres. High levels of product dust in the atmosphere may present a dust explosion hazard.
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Methods and materials for containment and cleaning up			
Collect in containers (e.g. fiberboard drums or cartons). If hot liquid, attempt to confine spill and let the polymer solidify. Once solid, it may be recovered as the powder. Report major leaks and spills to the appropriate local, state and federal government agencies.			
Section 7. Handling and Storage			
Precautions for safe handling			
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No smoking. Wear gloves/protective clothing/gloves/eye protection/face protection. Evacuate non-emergency personnel. Isolate the area and prevent access. Control source of the leak. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8). (Always wear recommended personal protective equipment.) Avoid breathing fumes from heating operations. Avoid spillage which can cause very slippery conditions on floors. Use good personal hygiene and housekeeping. If possible, do not permit the product to free fall directly into the solvent. Ideally, use a pipe or chute that leads down to the level of the solvent. Make sure the pipe or chute is grounded and bonded. These products, being poor conductors of electricity, can and will hold a static charge for long periods of time. With this in mind, a great deal of care should be exercised when handling this type of product in or around flammable liquids, particularly if the liquid is at or near its flashpoint. All equipment used when handling the product must be grounded. Do not touch or walk-through spilled material.			
Conditions for safe storage, including any incompatibilities			
Store under ambient conditions. Keep away from heat, sparks and open flames. Static charges on powders or powders in liquids may ignite flammable atmospheres. Avoid excessive heat. Do not store near strong oxidizing agents and amines			
Section 8. Exposure Controls/Personal Protection			
Control parameters (biological limit values or exposure limit values and source of those values)			
Exposure limits: ACGIH – TLV-TWA Powdered forms may generate nuisance particulates upon handling. TLV 10mg/m3. OSHA PEL 5mg/m3.			
Appropriate engineering controls			
Local exhaust ventilation may be used to reduce exposure to airborne particles. Processing involving the use of elevated temperatures should only be carried out in areas with adequate ventilation. For storage and ordinary handling, general ventilation is adequate.			
Individual protection measures/personal protective equipment			
Gloves: heat resistant, impervious gloves to avoid repeated/prolonged skin contact with molten material and powder. Other protective garments as necessary; Clothing: Shirts with long sleeves, long pants As needed to prevent repeated/prolonged contact; Respiratory: A dust mask and goggles are recommended to prevent possible irritation from airborne particles. Use a NIOSH approved respirators if the exposure limits are unknown; During melting or conveying in molten state, use organic vapor respirator. WORK / HYGIENIC PRACTICES: Wash skin thoroughly with soap and warm water after handling and before smoking, eating or applying makeup. If clothes become contaminated, change to clean clothing. Do not wear contaminated clothing until properly laundered. Educate and train employees in the safe use and handling of this product. Follow all label directions.			
Section 9. Physical and Chemical Properties			
Appearance, physical state/colour	White, powder	Vapour pressure	Not applicable
Odour	Typical wax odor	Vapour density	Heavier than air
Odour threshold	Not applicable	Relative density	0.90g/cm ³
pH	Not available	Solubility	Insoluble in water
Melting/freezing point	166 - 168°C	Partition coefficient - n-octanol/water	Unknown
Initial boiling point/range	Not applicable	Auto-ignition temperature	Unknown
Flash point	>277°C/ >530°F	Decomposition temperature	Unknown
Evaporation rate	Not applicable	Viscosity	Not applicable
Flammability (solids and gases)	Combustible solid	VOC	Not available
Upper and lower flammability/explosive limits	450°F TOC	Other	None known
Section 10. Stability and Reactivity			
Reactivity			
Not available.			
Chemical stability			
Yes, Stable under recommended storage and handling conditions.			
Possibility of hazardous reactions			
Avoid contact with strong oxidizing agents and amines.			
Conditions to avoid (static discharge, shock or vibration)			
Extreme heat sparks and opens flames.			
Incompatible materials			
Strong oxidizers.			
Hazardous decomposition products			
This product may emit oxides of carbon.			
Section 11. Toxicological Information			
Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)			
May irritate people with skin problems, asthma and lung diseases. Susceptible individuals may have an allergic reaction.			
Symptoms related to the physical, chemical and toxicological characteristics			



No specific information available.	
Delayed and immediate effects (chronic effects from short-term and long-term exposure)	
Skin corrosion/irritation : No data developed. None expected. Serious eye damage/irritation: No data developed. Treat as nuisance dust. Respiratory or skin sensitization: No data developed. Treat as nuisance dust. Germ Cell Mutagenicity – No data developed; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA IARC: 3 – Not classifiable as to its carcinogenicity to humans; Reproductive Toxicity – No evidence; Specific Target Organ Toxicity — Single Exposure – No data developed. Treat as nuisance dust; Specific Target Organ Toxicity — Repeated Exposure – No data developed. Treat as nuisance dust; Aspiration Hazard – No data developed. Aspiration is possible; Health Hazards Not Otherwise Classified – No data available.	
Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)	
Acute toxicity: No data developed. ATE not available in this document.	
Section 12. Ecological Information	
Ecotoxicity (aquatic and terrestrial information)	
No data have been developed on this subject. These products are not soluble in water.	
Persistence and degradability	It is not considered biodegradable.
Bioaccumulative potential	Not available.
Mobility in soil	Unlikely.
Other adverse effects	Potential environmental impact in case of spill or release is considered to be minimal.
Section 13. Disposal Considerations	
Information on safe handling for disposal/methods of disposal/contaminated packaging	
Dispose of contents/container into safe container in accordance with local, regional or national regulations.	
Section 14. Transport Information	
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations	
Not classified as hazardous.	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)	
Not classified as hazardous.	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)	
Not classified as hazardous.	
Special precautions (transport/conveyance)	Keep sealed and secure. Do not expose to heat.
Environmental hazards (IMDG or other)	Not considered marine pollutant.
Bulk transport (usually more than 450 L in capacity)	None
Section 15. Regulatory Information	
Safety/health Canadian regulations specifics	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics	
United States OSHA information: Not hazardous.	
United States EPA (Environmental Protection Agency) information: No regulated. Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.	
WHMIS Classification (Canada): Not subject to WHMIS regulations.	
United States TCSA information: Refer to the ingredients listed in Section 3.	
REACH Registration Number: This product is an article and does not require REACH registration.	
State of California Proposition 65: Does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.	
UN: Does not appear on the Dangerous Goods List.	
Section 16. Other Information	
Date of the latest revision of the safety data sheet	April 03, 2021 - version 01
References	Safety Data Sheets from manufacturer/supplier & from Sigma-Aldrich.com & Echa.eurpea.eu
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit



STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

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