

LCPSQ

Version 2.0

Revision Date 06/25/2015

Ref. 130000021352

This SDS adheres to the standards and regulatory requirements of and may not meet the regulatory requirements in other countries.

1. IDENTIFICATION

Product name : LCPSQ

Recommended use of the chemical and restriction on use

Recommended use : - Polymer - For manufacturing and research use only

Manufacturer or supplier's details

Company : Celanese
Street address : Al. Ministro Rocha Azevedo, 38, Cj 102/604
São Paulo – SP - Brasil 01410-000

Telephone : +55 11-3147-3370

Telefax : +55(011)4166-8666

E-mail address : HazCom@celanese.com

Emergency telephone number : CHEMTREC Local: +55 21-3958-1449 International: +01 703-741-5970

2. HAZARDS IDENTIFICATION**Product hazard category**

Chemical product not classified as dangerous according to ABNT NBR 14725-2.

Other hazards

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Components

Chemical Name	CAS-No.	Concentration
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This product does not contain any components that require disclosure according to ABNT NBR 14725-2.

4. FIRST AID MEASURES**First aid measures for different exposure routes**

Inhalation : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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Skin contact	: The material is not likely to be hazardous by skin contact, but cleaning the skin after use is advisable. Cool skin rapidly with cold water after contact with molten material. Do not peel polymer from the skin. Obtain medical treatment for thermal burn.
Eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion	: No specific intervention is indicated. Consult a physician if necessary.
Main symptoms and hazards	: +55 11-3147-3370
Protection of first-aiders	: +55 11-3147-3370
Notes to physician	: +55 11-3147-3370

5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water, Foam, Dry chemical, Carbon dioxide (CO2)
Specific hazards	: Combustible . Large molten masses may ignite spontaneously in air. Water quenching is good practice. Minimize the generation and accumulation of dust. Failure or malfunction of temperature control systems on processing equipment, such as extruders, may create explosion hazards. Hazardous combustion products may include: (see also section 10) Carbon monoxide, Carbon dioxide
Specific firefighting procedures	: Evacuate personnel and keep upwind of fire.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Spilled material is a slipping hazard.
Environmental precautions	: Do not discharge to streams, ponds, lakes or sewers.
Methods for cleaning up	: Spills of fine material should be cleaned using gentle sweeping or vacuuming. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used. Dust deposits should not be

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allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Use only non-sparking tools.

7. HANDLING AND STORAGE**Handling**

Technical measures/Precautions : Open container only in well-ventilated area. Wash hands thoroughly after handling. Provide appropriate exhaust ventilation at dryers, machinery and at places where dust or volatiles can be generated. Do not breathe dust. Minimize the generation and accumulation of dust. Pneumatic conveying and other mechanical handling operations can generate combustible dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

Precautions for safe handling : No information available.

Storage

Suitable storage conditions : Store in a cool, dry place. Keep container closed to prevent contamination. Keep in an area equipped with sprinklers.

8. EXPOSURE PREVENTION MEASURES

Engineering measures : General mechanical ventilation is normally adequate but use local exhaust where necessary to maintain exposures below acceptable limits. Use local exhaust to completely remove vapors and fumes liberated during hot processing from the work area.

Control parameters

Dust (inhalable and respirable fraction)					
TLV	(ACGIH)	3 mg/m ³	TWA	Respirable particles.	
Dust (inhalable and respirable fraction)					
TLV	(ACGIH)	10 mg/m ³	TWA	Inhalable particles.	
Dust (inhalable and respirable fraction)					
OEL	(Brazil)	3 mg/m ³	TWA 48HRS	Respirable particles.	
Dust (inhalable and respirable fraction)					
OEL	(Brazil)	10 mg/m ³	TWA 48HRS	Inhalable particles.	

Biological standards : No information available.

Personal protective equipment

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Respiratory protection	: Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. A respiratory protection program that meets country requirements must be followed whenever workplace conditions warrant respirator use. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer. Consult the OSHA respiratory protection information located at 29CFR 1910.134. Use a positive pressure air supplied respirator if exposure levels are not known or there are any other circumstances where air purifying respirators may not provide adequate protection.
Hand protection	: Wear leather or cotton gloves when grinding, sawing, routing, drilling or sanding., When handling hot material, use heat resistant gloves.
Eye protection	: Wear safety glasses with side shields. Wear tightly fitting chemical splash goggles and face shield when possibility exists for eye and face contact due to spattering or splashing of molten material. A full-face mask respirator provides protection from eye irritation.
Skin and body protection	: If there is a potential for contact with hot/molten material wear heat resistant clothing and footwear.
General protective measures	: +55 11-3147-3370
Hygiene measures	: +55 11-3147-3370

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance (Physical state, form, colour, etc.)**

Physical state	: solid
Form	: pellets
Colour	: natural
Odour	: none
Odour Threshold	: Not applicable
pH	: Not applicable

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Melting point/freezing point

Melting point/range : 340 - 350 °C

Boiling point/boiling range

Boiling point/boiling range : Not applicable

Flammability (solid, gas) : May form combustible dust concentrations in air.**Flash point** : Not applicable**Decomposition temperature** : 275 °C Thermal decomposition of the resin accelerates above temperature listed. Decomposition can occur below the recommended processing temperature limit. Decomposition is a function of both processing temperature and time at that temperature.**Auto-ignition temperature** : Self ignition: Not applicable**Explosion limits**

Upper explosion limit : Not applicable

Lower explosion limit : Not applicable

Vapour pressure : Not applicable**Vapour density** : Not applicable**Density**

Relative density : > 1

Solubility(ies)

Water solubility : negligible

Solubility in other solvents : no data available

Partition coefficient: n-octanol/water : Not applicable**Volatility rate** : Not applicable**Viscosity, dynamic** : Not applicable**Viscosity, kinematic** : Not applicable

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10. STABILITY AND REACTIVITY

Stability : Stable at normal ambient temperature and pressure.

Possible hazardous reactions under specific conditions : Polymerization will not occur.

Conditions to avoid : +55 11-3147-3370

Materials to avoid : +55 11-3147-3370

Hazardous decomposition products : +55 11-3147-3370

11. TOXICOLOGICAL INFORMATION

Acute toxicity : no data available

Skin corrosion/irritation : no data available

Serious eye damage/eye irritation : no data available

Respiratory sensitisation / Skin sensitisation : no data available

Mutagenicity : no data available

Carcinogenicity : no data available

Reproductive toxicity : no data available

Target Organs : no data available

Aspiration toxicity : no data available

Other : LCPSQ:

No data is available on the product itself.
For additional toxicity data, write to the company address or call the non-emergency number shown in Section 1.

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12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Toxicity to fish : no data available

Persistence and degradability : no data available

Bioaccumulation : no data available

Mobility in soil : no data available

Other adverse effects : LCPSQ:

No data is available on the product itself. Toxicity is expected to be low based on insolubility in water.

13. CONSIDERATIONS REGARDING FINAL DISPOSAL

Waste disposal methods : Preferred options for disposal are recycling or incineration with energy recovery. The high fuel value of this product makes incineration very desirable for material that cannot be recycled. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. INFORMATION ABOUT REGULATIONS

Not a dangerous substance according to GHS.

16. OTHER INFORMATION

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Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

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Significant change from previous version is denoted with a double bar.

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