

Glass Fiber Chopped Strands

This document provides a brief description of Glass Fiber Chopped Strands, as represented by LANXESS Glass Fiber CS 7928 4,5MM, its uses, and the potential hazards associated with short and long term exposure. Environmental impact information for accidental releases is included. This information is general in nature and is not intended as a replacement for the safety data sheet (SDS), product label and other safe handling literature. For additional information consult the LANXESS Corporation safety data sheet.

Identification

Chemical Name:	Glass Fiber Chopped Strands
Synonym(s):	Fiberglass
CAS Number:	65997-17-3

Description

Overview:	Glass Fiber Chopped Strands are sold under the trade name, LANXESS Glass Fiber CS 7928 4,5MM. Glass Fiber Chopped Strands are odorless solids at ambient temperatures. The product is sold in bags and bins.	
Uses:	Glass Fiber Chopped Strands are sold by LANXESS for the reinforcement of polyamide grades used in automotive, household and electronic products.	
Properties:	Solubility in Water:	Insoluble
	Melting Point:	850°C (1562°F)

Potential Human Health Effects

Occupational Exposure

Potential for occupational exposure exists during manufacture, at unloading, storage and staging areas and during sampling, maintenance and processing operations at facilities where Glass Fiber Chopped Strands are used in the manufacture of other products. A much lower potential for exposure exists in facilities using the product in closed manufacturing processes by trained personnel.

Employee Training

Workers handling Glass Fiber Chopped Strands should be trained to implement proper handling procedures and to understand the potential health and physical hazards of this product. LANXESS recommends long pants, a long-sleeved shirt, leather gloves and suitable protective footwear be worn when handling Glass Fiber Chopped Strands. Safety glasses with side shields should be worn if eye contact is possible. Selection and use of a respirator must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Consumer Exposure

LANXESS Corporation does not sell Glass Fiber Chopped Strands to the general public.

Short-Term Health Effects

Inhalation of Glass Fiber Chopped Strands may cause respiratory tract irritation. Symptoms of exposure may include coughing, sore throat and runny nose.

Long-Term Health Effects

No significant effects or critical hazards are expected.

Physical Hazards

Glass Fiber Chopped Strands are stable under normal conditions of use.

Potential Environmental Impact

No significant effects or critical hazards would be expected from an accidental release of this product to the environment.

Conclusion

Under normal conditions of anticipated use as described in this Product Safety Assessment, and if the recommended safe use and handling procedures are followed, Glass Fiber Chopped Strands are not expected to pose a significant risk to human health or the environment.

References

Product Data Sheet, LANXESS Glass Fiber CS 7928, LANXESS Corporation

Safety Data Sheet (SDS), LANXESS Glass Fiber CS 7928 4,5MM, LANXESS Corporation

Contact Information

LANXESS Corporation, Product Safety & Regulatory Affairs, 111 RIDC Park West Drive,
Pittsburgh, PA 15275-1112, USA, Phone 1-800-526-9377 [1-800-LANXESS]

Notices

Use and Application Information

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.