

Paraloid EXL 3300 Gran.

This document provides a brief description of Paraloid EXL 3300 Gran., 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 material safety data sheet (SDS), product label and other safe handling literature. For additional information consult the LANXESS Corporation safety data sheet.

Identification

Product Name: Paraloid EXL 3300 Gran.
Chemical Name: Acrylic polymer

Description

Overview: Paraloid EXL 3300 Gran. is a white solid at ambient temperatures. The product is sold in granular form and has a faint odor.

Uses: Paraloid EXL 3300 Gran. is sold by LANXESS as a raw material for use in the manufacture of impact and weather resistant plastics.

Properties:

Melting Point:	132 to 149°C (269.6 to 300.2°F)
Ignition Temperature:	380°C (716°F)
Solubility in Water:	Insoluble in cold water

Potential Human Health Effects

Occupational Exposure

Potential for occupational exposure exists during manufacture and in storage, staging, transfer, maintenance and sampling operations at facilities using the product in the manufacture of plastic resins. A much lower potential for exposure exists in facilities using Paraloid EXL 3300 Gran. in closed manufacturing processes by trained personnel.

Employee Training

Workers handling Paraloid EXL 3300 Gran. should be trained to implement proper handling procedures and to understand the potential health and physical hazards of this product. Thermal processing operations should be ventilated to control gases and fumes given off during processing. Biological monitoring may be required to determine the effectiveness of ventilation or other control measures and/or the necessity to use respiratory protective equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Workers handling hot material should wear heat-resistant protective gloves that are able to withstand the temperature of the molten product. In addition, LANXESS recommends safety glasses with side shields, long pants, a long-sleeved shirt and suitable protective footwear be worn when handling Paraloid EXL 3300 Gran.

Consumer Exposure

LANXESS Corporation does not sell Paraloid EXL 3300 Gran. to the general public.

Short-Term Health Effects

Skin contact may be irritating with symptoms of redness, itching, swelling and burning. Contact with molten material may cause thermal burns.

Long-Term Health Effects

No known significant effects or critical hazards.

Physical Hazards

Paraloid EXL 3300 Gran. is stable under normal conditions of use. Dust concentrations may form explosive mixtures with air. Heating to decomposition may release carbon monoxide, carbon dioxide, metal oxides and other toxic and irritating gases/fumes. Avoid heat, open flames, electrostatic discharges and other potential sources of ignition.

Potential Environmental Impact

Paraloid EXL 3300 Gran. is inert in solid form. An accidental release should not pose a danger to fish, invertebrates or aquatic plants prior to degradation or removal.

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, Paraloid EXL 3300 Gran. is not expected to pose a significant risk to human health or the environment.

References

MedlinePlus Medical Encyclopedia, U.S. National Library of Medicine and the National Institutes of Health

Safety Data Sheet (SDS), PARALOID EXL 3300 GRAN., LANXESS Corporation

Contact Information

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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.