

Pigment Yellow 119

This document provides a brief description of Pigment Yellow 119, 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 safety data sheet.

Identification

Product Name:	Pigment Yellow 119
Chemical Name:	Zinc Ferrite Brown Spinel
Synonym(s):	C.I. 77496 C.I. Pigment Yellow 119
CAS Number:	68187-51-9

Description

Overview:	Pigment Yellow 119 is an odorless yellow, brown or orange powder at ambient temperatures.
Uses:	Pigment Yellow 119 is used as a pigment or color additive in a wide range of products including plastics, rubbers, paints and coatings, printing inks, papers, asphalt roofing and concrete products.
Properties:	Melting Point: >1,832°F (1,000°C) Solubility in Water: Essentially Insoluble

Potential Human Health Effects

Occupational Exposure

Potential for inhalation, skin or eye contact exists during maintenance and mixing operations and at transloading, storage and staging areas. A much lower potential for exposure exists in facilities using Pigment Yellow 119 in closed manufacturing processes by trained personnel.

Employee Training

Workers handling Pigment Yellow 119 are trained to implement proper handling procedures. A NIOSH approved air-purifying particulate respirator is recommended for transloading, unloading and other operations not contained within a closed system. In addition, LANXESS recommends that safety glasses be worn when handling Pigment Yellow 119.

Consumer Exposure

LANXESS does not sell this product to the general public. Consumers handling products manufactured with Pigment Yellow 119 as a pigment or color additive may be exposed to trace amounts of the inorganic chemical.

Short-Term Health Effects

Airborne Pigment Yellow 119 dust may cause eye and/or respiratory tract irritation from mechanical abrasion.

Long-Term Health Effects

Repeated or prolonged overexposure may cause effects as noted under Short-Term Health Effects.

Physical Hazards

Pigment Yellow 119 is stable under normal storage conditions.

Potential Environmental Impact

Pigment Yellow 119 is chemically inert and is not classified as a hazardous substance by the U.S. Occupational Safety and Health Administration (OSHA) or the U.S. Environmental Protection Agency (EPA). The product is non-volatile and essentially insoluble in water. An accidental release (spill) would not be expected to pose a danger 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, Pigment Yellow 119 is not expected to pose a significant risk to human health or the environment.

References

Safety Data Sheet (SDS), COLORTHERM 3950, LANXESS Corporation

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

Contact Information

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Notices

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