Pigment Black 26

This document provides a brief description of Pigment Black 26, 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:** Bayferrox 303 T
- **Chemical Name:** Manganese Ferrite Black Spinel
- **Synonym(s):** C.I. Pigment Black 26
  Manganese Ferrite EC 269-056-3
- **CAS Number:** 68186-94-7

Description
- **Overview:** Pigment Black 26 is an odorless black solid at ambient temperatures. The product is sold in powder form.
- **Uses:** Pigment Black 26 is used as a pigment or color additive in a wide range of products including plastics, rubbers, ceramics, paints and coatings, printing inks and toners, asphalt roofing and concrete products.

Properties:
- **Melting Point:** >2,687°F (1,475°C)
- **Solubility in Water:** Insoluble
Potential Human Health Effects

Occupational Exposure
Potential for inhalation, ingestion, 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 Black 26 in closed manufacturing processes by trained personnel.

Employee Training
Workers handling Pigment Black 26 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 Black 26.

Consumer Exposure
LANXESS does not sell this product to the general public. Consumers handling products manufactured with Pigment Black 26 as a pigment or color additive may be exposed to trace amounts of the product.

Short-Term Health Effects
Airborne Pigment Black 26 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 Black 26 is stable under normal storage conditions.

Potential Environmental Impact
Pigment Black 26 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 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 Black 26 is not expected to pose a significant risk to human health or the environment.
Contact Information
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Notices

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