

# Pigment Black 26

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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

<b>Product Name:</b>	Bayferrox 303 T
<b>Chemical Name:</b>	Manganese Ferrite Black Spinel
<b>Synonym(s):</b>	C.I. Pigment Black 26 Manganese Ferrite EC 269-056-3
<b>CAS Number:</b>	68186-94-7

## Description

<b>Overview:</b>	Pigment Black 26 is an odorless black solid at ambient temperatures. The product is sold in powder form.
<b>Uses:</b>	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.
<b>Properties:</b>	<b>Melting Point:</b> >2,687°F (1,475°C) <b>Solubility in Water:</b> 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**

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 conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluation(s)), 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 at least must include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by LANXESS. All information is given without warranty or guarantee. It is expressly understood and agreed that customer assumes and hereby expressly releases LANXESS from all liability, in tort, contract or otherwise, incurred in connection with the use of our products and information. Any statement or recommendation not contained herein is unauthorized and shall not bind LANXESS Corporation. Nothing herein shall be construed as a recommendation to use any product in violation of any patent covering any material or its use. No permission or license to use any patent is implied or in fact granted by this publication.