

**POLYONE CORPORATION****MATERIAL SAFETY DATA SHEET****PolyMelt 5109 Light Beige**

Version Number 1.1

Revision Date 05/25/2007

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**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**

Telephone :  
**Emergency telephone** : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**

Product name : PolyMelt 5109 Light Beige  
Product code : FO20016672  
Chemical Name : Mixture  
CAS-No. : Mixture  
Product Use :

**2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS**

Components	CAS-No.	Weight %
Titanium dioxide	13463-67-7	0.1 - 1

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****POTENTIAL HEALTH EFFECTS****Routes of Exposure:** :**Acute exposure**

Inhalation :  
Ingestion :  
Eyes :  
Skin :

**Chronic exposure** : Refer to Section 11 for Toxicological Information.**Medical Conditions** :**Aggravated by Exposure:****4. FIRST AID MEASURES**

Inhalation :

Ingestion :



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Eyes :

Skin :

**5. FIRE-FIGHTING MEASURES**

Flash point :

Flammable Limits

Upper explosion limit :

Lower explosion limit :

Autoignition temperature :

Suitable extinguishing media :

Special Fire Fighting :

Procedures

Unusual Fire/Explosion :

Hazards

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions :

Environmental precautions :

Methods for cleaning up :

**7. HANDLING AND STORAGE**

Handling :

Storage :

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection :

Eye/Face Protection :

Hand protection :

Skin and body protection :

Additional Protective Measures :

General Hygiene Considerations :

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Engineering measures :

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Titanium dioxide	10 mg/m3	Time Weighted Average (TWA):		ACGIH
	15 mg/m3	PEL:	Total dust.	OSHA Z1
	10 mg/m3	Time Weighted Average (TWA):	as Ti	MX OEL
	20 mg/m3	Short Term Exposure Limit (STEL):	as Ti	MX OEL

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form :	Evaporation rate :
Appearance :	Specific Gravity :
Color : BROWN	Bulk density :
Odour :	Vapour pressure :
Melting point/range :	Vapour density :
Boiling Point: :	pH :
Water solubility :	

**10. STABILITY AND REACTIVITY**

Stability :

Hazardous Polymerization :

Conditions to avoid :

Incompatible Materials :

Hazardous decomposition products :

**11. TOXICOLOGICAL INFORMATION**

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system.

Carcinogenicity

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This product contains the following components which, in their pure form, have the following carcinogenicity data:

CAS-No.	Chemical Name	OSHA	IARC	NTP
13463-67-7	Titanium dioxide	no	2B	no

**IARC Carcinogen Classifications:**

- 1 - The component is carcinogenic to humans.
- 2A - The component is probably carcinogenic to humans.
- 2B - The component is possibly carcinogenic to humans.

**NTP Carcinogen Classifications:**

- 1 - The component is known to be a human carcinogen.
- 2 - The component is reasonably anticipated to be a human carcinogen.

**12. ECOLOGICAL INFORMATION**

Persistence and degradability :

Environmental Toxicity :

Bioaccumulation Potential :

Additional advice :

**13. DISPOSAL CONSIDERATIONS**

Product :

Contaminated packaging :

**14. TRANSPORT INFORMATION**

U.S. DOT Classification :

ICAO/IATA (air) :

IMO / IMDG (maritime) :

**15. REGULATORY INFORMATION****US Regulations:**

OSHA Status : Classified as hazardous based on components.

TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

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Not applicable

California Proposition : Not applicable  
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SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Not applicable

WHMIS Classification : D2A

DSL : All components of this product are on the Canadian Domestic  
Substances List (DSL) or are exempt.

National Inventories:

Australia AICS : Not determined

China IECS : Not determined

Europe EINECS : Not determined

Japan ENCS : Not determined

Korea KECI : Not determined

Philippines PICCS : Not determined

**16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The



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information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.