

## MATERIAL SAFETY DATA SHEET

## 45701GNSGIBURGUNDY

Version Number 1.1

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RevisionDate 03/28/2003

PrintDate 12/16/2003

### 1. PRODUCT AND COMPANY IDENTIFICATION

**POLYONE CORPORATION**
**2700 Papin Street, St. Louis, MO 63103**
**NON-EMERGENCY TELEPHONE** : Product Stewardship, (314) 771-1800

**Emergency telephone number** : **CHEMTREC 1-800-424-9300 (24 hrs for spill, leak, fire, exposure or accident).**
**Product name** : 45701GNSGIBURGUNDY

**Product code** : FO00011928

**Chemical name** : Mixture

**CAS-No.** : Mixture

**Product Use** : Industrial Applications

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components	CAS-No.	Weight%
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7	1- 5
Titanium dioxide	13463-67-7	1- 5
Calcium carbonate	1317-65-3	10- 30

### 3. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions.

#### POTENTIAL HEALTH EFFECTS

**Routes of Exposure:** : Inhalation, Skin contact, Ingestion

**Acute exposure**
**Inhalation** : Inhalation of airborne droplets may cause irritation of the respiratory tract.

**Ingestion** : May be harmful if swallowed.

**Eyes** : May cause eye/skin irritation.

**Skin** : Experience shows no unusual dermatitis hazard from routine handling.

**Chronic exposure** : Refer to Section 11 for Toxicological Information.

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**Medical Conditions** : None known.  
**Aggravated by Exposure:**

**4. FIRST AID MEASURES**

**Inhalation** : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist in all cases of doubt seek medical advice.

**Ingestion** : Do not induce vomiting without medical advice. When symptoms persist in all cases of doubt seek medical advice.

**Eyes** : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.

**Skin** : Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

**5. FIRE-FIGHTING MEASURES**

**Flashpoint** : No data available.

**Flammable Limits**  
 Upper explosion limit : No data available.  
 Lower explosion limit : No data available.  
**Autoignition temperature** : Not applicable.  
**Suitable extinguishing media** : Carbon dioxide blanket, dry powder, foam, Water spray .

**Special Fire Fighting Procedures** : Full face self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

**Unusual Fire/Explosion Hazards** : May emit Hydrogen Chloride (HCl) or Carbon Monoxide (CO) under fire conditions.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions** : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

**Environmental precautions** : Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.

**Methods for cleanup** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Package all material in appropriate container for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

**7. HANDLING AND STORAGE**



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**10. STABILITY AND REACTIVITY**

Stability	:	Stable.
Hazardous Polymerization	:	Will not occur.
Conditions to avoid	:	Keep away from oxidizing agents and open flame. To avoid thermal decomposition, do not overheat.
Incompatible Materials	:	Incompatible with strong acids and oxidizing agents. Avoid contact with acetal homopolymers and acetal copolymers during processing.
Hazardous decomposition products	:	Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), hydrogen chloride (HCl), other hazardous materials, and smoke are all possible. Prolonged heating may result in product degradation. As a general rule of thumb, degradation begins to occur after one hour at 177°C (350°F), after 10 minutes at 204°C (400°F), and within 5 minutes at 232°C (450°F).

**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
85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethylester	Irritant	Eyes, Skin .
		Systemic effects	Liver, reproductive system .
13463-67-7	Titanium dioxide	Systemic effects	Respiratory system .
1317-65-3	Calcium carbonate	Irritant	Eyes, Skin .
		Systemic effects	Eyes, Skin, Respiratory system.

## LC50/LD50

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

CAS-No.	Chemical Name	Route	Value	Species
85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethylester	Oral LD50 Dermal LD50	2,330mg/kg >10gm/kg	rat rabbit

**12. ECOLOGICAL INFORMATION**

Persistence and degradability : Not readily biodegradable.

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Environmental Toxicity : Environmental toxicity has not been established for this mixture as a whole.

Bioaccumulation Potential : No data available.

Additional advice : No data available.

**13. DISPOSAL CONSIDERATIONS**

Product : Where possible, recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

**14. TRANSPORT INFORMATION**

U.S. DOT Classification : Refers to specific regulation.

ICAO/IATA : Refers to specific regulation.

IMO/IMDG : Refers to specific regulation.

**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)

Chemical Name	CAS-No.	% in Product	RQ for component	RQ for Mixture/Product
1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	85-68-7	3.2516	100 lbs	3,075 LB

California Proposition : WARNING! This product contains a chemical known to the State of

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Californiatocausecancer.,WARNING!Thisproductcontainsa  
chemicalknowntotheStateofCaliforniatocausebirthdefectors  
otherreproductiveharm.

SARATitleIIISection302ExtremelyHazardousSubstance

Notapplicable

SARATitleIIISection313ToxicChemicals:

Notapplicable

CanadianRegulations:

WHMISClassification : D2B

WHMISIngredientDisclosureList

CAS-No.
85-68-7

DSL : AllcomponentsofthisproductareontheCanadianDomestic  
SubstancesList(DSL)orareexempt.

NationalInventories:

AustraliaAICS : Listed.

ChinaIECS : Notdetermined.

EuropeEINECS : Notdetermined.

JapanENCS : Notdetermined.

KoreaKECI : Notdetermined.

PhilippinesPICCS : Notdetermined.

**16. OTHER INFORMATION**

TheinformationprovidedinthisSafetyDataSheetiscorrecttothebestofourknowledge,informationand  
beliefatthedateofitspublication.Theinformationgivenisdesignedonlyasaguidanceforsafehandling,use,  
processing,storage,transportation,disposalandreleaseandisnottobeconsideredawarrantyorquality  
specification.Theinformationrelatesonlytothespecificmaterialdesignatedandmaynotbevalidforsuch  
materialusedincombinationwithanyothermaterialsorinanyprocess,unlesspecifiedinthetext.

POLYONECORPORATION



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