

85600GNSGARFIELDGOLD

Version Number 1.0
RevisionDate 06/13/2002

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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 : 85600GNSGARFIELDGOLD
Product code : FO00002501
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, or in all cases of doubt, seek medical advice.

Ingestion : Do not induce vomiting without medical advice. When symptoms persist, or 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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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 (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), 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 phenylmethyl ester	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 phenylmethyl ester	Oral LD50 Dermal LD50	2,330mg/kg >10gm/kg	rat rabbit

12. ECOLOGICAL INFORMATION

Persistence and degradability : Not readily biodegradable.

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

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BioaccumulationPotential : Nodataavailable.

Additionaladvice : Nodataavailable.

13.DISPOSAL CONSIDERATIONS

Product : Wherepossible,recyclingispreferredtodisposalorincineration. Thegeneratorofwastematerialhas theresponsibilityforproper wasteclassification,transportationanddisposalinaccordancewith applicablefederal,state/provincialandlocalregulations.

Contaminatedpackaging : Recyclingispreferredwhenpossible. Thegeneratorofwaste materialhas theresponsibilityforproperwasteclassification, transportationanddisposalinaccordancewithapplicablefederal, state/provincialandlocalregulations.

14.TRANSPORT INFORMATION

U.S.D.O.T./CAT.D.G. Classification(Non-bulk ground) : Notregulatedfortransportation.

ICAO/IATA : Notregulatedfortransportation.

IMO/IMDG : Notregulatedfortransportation.

15.REGULATORY INFORMATION

US Regulations:

OSHA Status : Classifiedashazardousbasedoncomponents.

TSCA Status : AllcomponentsofthisproductarelistedontheTSCAinventoryor areexempt.

US.EPA CERCLA Hazardous Substances(40CFR302)

ChemicalName	CAS-No.	%inProduct	RQforcomponent	RQfor Mixture/Product
1,2-Benzenedicarboxylic acid, butyl phenylmethylester	85-68-7	3.17	100lbs	3,150LB

California Proposition 65 : WARNING!ThisproductcontainsachemicalknownintheStateof Californiatocausecancer.,WARNING!Thisproductcontainsa

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chemical known in the State of California to cause birth defects or other reproductive harm.

Canadian Regulations:

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

CAS-No.
7440-38-2
7439-92-1
7631-86-9
85-68-7
75-01-4

DSL : Listed.

National Inventories:

Australia AICS : Listed.

China IECS : Not determined.

Europe EINECS : Not determined.

Japan ENCS : Not determined.

Korea KECI : Listed.

Philippines PICCS : Listed.

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 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.