



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

GEON L7417 TAN

Version Number 1.2
Revision Date 03/12/2014

Page 1 of 8
Print Date 3/18/2014

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION
33587 Walker Road, Avon Lake, OH 44012

Telephone : 1 (440) 930-1000 or 1 (866) POLYONE
Emergency telephone : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure
number : or accident).
Product name : GEON L7417 TAN
Product code : VC10003030
Chemical Name : Mixture
CAS-No. : Mixture
Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight percent
Cobalt aluminate blue spinel (C.I. Pigment Blue 28)	1345-16-0	0.1 - 1
Calcium stearate	1592-23-0	1 - 5
Calcium carbonate	471-34-1	1 - 5
Rutile, antimony chromium buff	68186-90-3	1 - 5
Titanium dioxide	13463-67-7	5 - 10

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This mixture has not been evaluated as a whole. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating or processing. 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. May emit Hydrogen Chloride (HCl) or Carbon Monoxide (CO) under fire conditions.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: : Inhalation, Ingestion, Skin contact

Acute exposure

Inhalation : Resin particles, like other inert materials, can be mechanically irritating.
Ingestion : May be harmful if swallowed.
Eyes : Resin particles, like other inert materials, are mechanically irritating to

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

GEON L7417 TAN

Version Number 1.2
Revision Date 03/12/2014

Page 2 of 8
Print Date 3/18/2014

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

Chronic exposure : Refer to Section 11 for Toxicological Information.

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

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, also under the eyelids, 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. FIREFIGHTING MEASURES

Flash point : not applicable

Flammable Limits
Upper explosion limit : not applicable
Lower explosion limit : not applicable
Auto-ignition temperature : Not applicable
Suitable extinguishing media : Carbon dioxide blanket, Water spray, Dry powder, Foam.

Special Fire Fighting Procedures : Fullface 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. Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

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.

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

GEON L7417 TAN

Version Number 1.2
Revision Date 03/12/2014

Page 3 of 8
Print Date 3/18/2014

Methods for cleaning up : Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal.

7. HANDLING AND STORAGE

Handling : Take measures to prevent the build up of electrostatic charge. Heat only in areas with appropriate exhaust ventilation. Processing fume condensates may contain combustible or toxic residue. Periodically clean hoods, ducts, and other surfaces to minimize accumulation of these materials.

Storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep in a dry, cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection : No personal respiratory protective equipment normally required. If dusty conditions occur wear appropriate respiratory protection.

Eye/Face Protection : Safety glasses with side-shields

Hand protection : Protective gloves

Skin and body protection : Long sleeved clothing

Additional Protective Measures : Safety shoes

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. This product may contain residual vinyl chloride monomer (VCM) (CAS number 75-01-4) below 8.5 ppm (0.00085%). It is unlikely, under normal working conditions with adequate ventilation, that the exposure limits will be exceeded for residual VCM. However, the user should take the necessary precautions (e.g. mechanical ventilation, local exhaust ventilation, air-monitoring, respiratory protection, etc.) to ensure airborne levels of any vapors including VCM or dusts that may be released during heating or processing are below regulated levels.

Engineering measures : Heat only in areas with appropriate exhaust ventilation. Provide appropriate exhaust ventilation at machinery.

Exposure limit(s)

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

GEON L7417 TAN

Version Number 1.2
Revision Date 03/12/2014

Page 4 of 8
Print Date 3/18/2014

Components	Value	Exposure time	Exposure type	List:
Cobalt aluminate blue spinel (C.I. Pigment Blue 28)	0.02 mg/m ³	Time Weighted Average (TWA):	as Co	ACGIH
Calcium stearate	10 mg/m ³	Time Weighted Average (TWA):		ACGIH
Calcium carbonate	5 mg/m ³	PEL:	Respirable fraction.	OSHA Z1
	15 mg/m ³	PEL:	Total dust.	OSHA Z1
	5 mg/m ³	Time Weighted Average (TWA):	Respirable fraction.	OSHA Z1A
	15 mg/m ³	Time Weighted Average (TWA):	Total dust.	OSHA Z1A
	10 mg/m ³	Time Weighted Average (TWA):		MX OEL
	20 mg/m ³	Short Term Exposure Limit (STEL):		MX OEL
	5 mg/m ³	Recommended exposure limit (REL):	Respirable.	NIOSH
	10 mg/m ³	Recommended exposure limit (REL):	Total	NIOSH
Rutile, antimony chromium buff	0.5 mg/m ³	Recommended exposure limit (REL):	as Cr	NIOSH
	0.5 mg/m ³	PEL:	as Cr	OSHA Z1
	0.5 mg/m ³	Time Weighted Average (TWA):	as Sb	ACGIH
	0.5 mg/m ³	Recommended exposure limit (REL):	as Sb	NIOSH
	0.5 mg/m ³	PEL:	as Sb	OSHA Z1
	0.5 mg/m ³	Time Weighted Average (TWA):	as Sb	OSHA Z1A
	0.5 mg/m ³	Time Weighted Average (TWA):	as Sb	MX OEL
Titanium dioxide	10 mg/m ³	Time Weighted Average (TWA):		ACGIH
	15 mg/m ³	PEL:	Total dust.	OSHA Z1
	10 mg/m ³	Time Weighted Average (TWA):	Total dust.	OSHA Z1A
	10 mg/m ³	Time Weighted Average (TWA):	as Ti	MX OEL
	20 mg/m ³	Short Term Exposure Limit (STEL):	as Ti	MX OEL

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: solid	Evaporation rate	: Not applicable
Appearance	: pellets, powder	Specific Gravity	: Not determined
Colour	: TAN	Bulk density	: Not established
Odour	: very faint	Vapour pressure	: not applicable
Melting point/range	: Not determined	Vapour density	: not applicable

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

GEON L7417 TAN

Version Number 1.2
 Revision Date 03/12/2014

Page 6 of 8
 Print Date 3/18/2014

Carcinogenicity

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

CAS-No.	Chemical Name	OSHA	IARC	NTP
1345-16-0	Cobalt aluminate blue spinel (C.I. Pigment Blue 28)	no	2B	no
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 : Not readily biodegradable.
- Environmental Toxicity : Adverse ecological impact is not known or expected under normal use.
- Bioaccumulation Potential : no data available
- Additional advice : not applicable

13. DISPOSAL CONSIDERATIONS

- Product : Like most thermoplastic plastics the product can be recycled. 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 : Not regulated for transportation.
- ICAO/IATA : Not regulated for transportation.
- IMO/IMDG (maritime) : Not regulated for transportation.

POLYONE CORPORATION**MATERIAL SAFETY DATA SHEET****GEON L7417 TAN**Version Number 1.2
Revision Date 03/12/2014Page 7 of 8
Print Date 3/18/2014**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)

not applicable

California Proposition : Not applicable
65

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

Chemical Name	CAS-No.	Weight percent
COBALT COMPOUNDS COBALT COMPOUNDS, INORGANIC COBALT COMPOUNDS, ORGANIC	1345-16-0	0.10 - 1.00

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

Chemical Name	CAS-No.	Weight percent	NPRI ID#
Cobalt aluminate blue spinel (C.I. Pigment Blue 28)	1345-16-0	0.10 - 1.00	
Iron chromite brown spinel (C.I. Pigment Brown 35)	68187-09-7	0.10 - 1.00	
Rutile, antimony chromium buff	68186-90-3	0.10 - 1.00	

WHMIS Classification : D2A

WHMIS Ingredient Disclosure List

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

GEON L7417 TAN

Version Number 1.2
Revision Date 03/12/2014

Page 8 of 8
Print Date 3/18/2014

CAS-No.
68186-90-3

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

National Inventories:

- Australia AICS : Listed
- China IECS : Listed
- Europe EINECS : Listed
- 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.