

MATERIAL SAFETY DATA SHEET

D3292 ORANGE

Version Number 1.0 Revision Date 10/31/2002 Page 1 of 6 Print Date 11/6/2011

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 (24hrs for spill, leak, fire, exposure or accident).
Product name	:	D3292 ORANGE
Product code	:	FO20002349
Chemical Name	:	Mixture
CAS-No.	:	Mixture
Product Use	:	Industrial Applications

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components	CAS-No.	Weight %
Quartz	14808-60-7	0.1 - 1
Magnesium carbonate	546-93-0	1 - 5
Calcium carbonate	1317-65-3	5 - 10

3. HAZARDS 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 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 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 see medical attention.
	5. FIRE-FIGHTING MEASURES
Flash point	: No data available.
Flammable Limits Upper explosion limit Lower explosion limit Autoignition temperature Suitable extinguishing media	 No data available. No data available. Not applicable. Carbon dioxide blanket, dry powder, foam, Water spray.
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.
	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 cleaning up	: 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
Handling	: Heat only in areas with appropriate exhaust ventilation. Processing





D3292 ORANGE Page 3 of 6 Version Number 1.0 Print Date 11/6/2011 Revision Date 10/31/2002 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. Store in a cool dry place. 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Respiratory protection : Under normal handling conditions a respirator may not be required. Eye/Face Protection Safety glasses with side-shields. : Hand protection Protective gloves. : Skin and body protection Long sleeved clothing. : Additional Protective Safety shoes. : Measures General Hygiene Handle in accordance with good industrial hygiene and safety practice. : Considerations Wash hands before breaks and at the end of workday. Engineering measures Heat only in areas with appropriate exhaust ventilation. Provide : appropriate exhaust ventilation at machinery.

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Calcium carbonate	10 mg/m3	Time Weighted Average	Total dust.	ACGIH
		(TWA):		
Calcium carbonate	5 mg/m3	PEL:	Respirable dust.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1
Magnesium carbonate	10 mg/m3	Time Weighted Average	Dust.	ACGIH
		(TWA):		
Magnesium carbonate	5 mg/m3	PEL:	Respirable fraction.	OSHA Z1
	15 mg/m3	PEL:	Total dust.	OSHA Z1
Quartz	0.05	Time Weighted Average	Respirable dust.	ACGIH
	mg/m3	(TWA):		
Quartz	0.1 mg/m3	PEL:	Respirable dust.	OSHA
	0.3 mg/m3	PEL:	Total dust.	OSHA

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Appearance Color Odor Melting point/range Liquid
Viscous, Liquid
ORANGE
Very faint
Not applicable

Evaporation rate Specific Gravity Bulk density Vapor pressure Vapor density Not establishedNot determinedNot applicable.

- : Not determined
- : Not determined



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Boiling Point: Water solubility	: Not applicable pH : Immiscible	: Not applicable.
	10. STABILITY AND REACTIV	VITY
Stability	: Stable.	
Hazardous Polymerization	: Will not occur.	
Conditions to avoid	: Keep away from oxidizing agen decomposition, do not overheat.	ts and open flame. To avoid thermal
Incompatible Materials	· · ·	and oxidizing agents. Avoid contact acetal copolymers during processing.
Hazardous decomposition products	(NOx), hydrogen chloride (HCl smoke are all possible. Prolong degradation. As a general rule of	monoxide (CO), oxides of nitrogen), other hazardous materials, and ed heating may result in product of thumb, degradation begins to occur F), after 10 minutes at 204 °C (400 °F), (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
14808-60-7	Quartz	Systemic effects	Eyes, Respiratory system.
546-93-0	Magnesium carbonate	Irritant	Skin.
		Systemic effects	Eyes, Skin, Respiratory system.
1317-65-3	Calcium carbonate	Irritant	Eyes, Skin.
		Systemic effects	Eyes, Skin, Respiratory system.

Carcinogenicity:

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

CAS-No.	Chemical Name	OSHA	IARC	NTP
14808-60-7	808-60-7 Quartz		1	1

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:



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

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

Additional Health Hazard Information:

Quartz 14808-60-7 This material in its free releasable form may cause respiratory tract irritation, and possibly silicosis which is a scarring of the lungs.

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 materia has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations. U.S. DOT Classification : Refer to specific regulation. ICAO/IATA : Refer to specific regulation. IMO / IMDG : Refer to specific regulation. US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.		12. ECOLOGICAL INFORMATION
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 materia 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 materia has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations. U.S. DOT Classification : Refer to specific regulation. ICAO/IATA : Refer to specific regulation. IMO / IMDG : Refer to specific regulation. US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.	Persistence and degradability	: Not readily biodegradable.
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 materia has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations. U.S. DOT Classification : Refer to specific regulation. ICAO/IATA : Refer to specific regulation. IMO / IMDG : Refer to specific regulation. US Regulations: OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.	Environmental Toxicity	
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OSHA Status : Classified as hazardous based on components. TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.		15. REGULATORY INFORMATION
TSCA Status : All components of this product are listed on the TSCA inventory or are exempt.	US Regulations:	
exempt.	OSHA Status	: Classified as hazardous based on components.
US. EPA CERCLA Hazardous Substances (40 CFR 302)	TSCA Status	
	US. EPA CERCLA Hazardous	Substances (40 CFR 302)

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Not applicable	
California Proposition : 65	WARNING! This product contains a chemical known to the State of California to cause cancer.
Canadian Regulations:	
WHMIS Classification :	D2A
WHMIS Ingredient Disclosu	are List
CAS-No. 103-23-1	
DSL :	Listed.
National Inventories:	
Australia AICS :	Listed.
China IECS :	Listed.
Europe EINECS :	Not determined.
Japan ENCS :	Not determined.
Korea KECI :	Listed.
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 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.