

MATERIAL SAFETY DATA SHEET

VVO 26 WHITE FINE GROUNDVersion Number 1.0
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Print Date 10/7/2002**1. PRODUCT AND COMPANY IDENTIFICATION****POLYONE CORPORATION**
33587 Walker Road, Avon Lake, OH 44012NON-EMERGENCY TELEPHONE : Product Stewardship (440)-930-1395
Emergency telephone number : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).Product name : VVO 26 WHITE FINE GROUND
Product code : AD3000005260
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
Calcium carbonate	1317-65-3	10 - 30
Disulfur dichloride	10025-67-9	10 - 30

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

This product has not been evaluated as a whole for health effects. 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.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: : Skin contact

Acute exposureInhalation : At process temperatures, product emissions may cause irritation.
Ingestion : May be harmful if swallowed.
Eyes : At process temperatures, product emissions may cause irritation.
Skin : Experience shows no unusual dermatitis hazard from routine handling.

Chronic exposure : Refer to Section 11 for Toxicological Information.

Medical Conditions : None known.

Aggravated by Exposure:

MARKETED BY
HARWICK STANDARD
DISTRIBUTION CORPORATION
60 S. Selberling Street • Akron, Ohio 44305

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- 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. FIRE-FIGHTING MEASURES

- Flash point : Not applicable
- Flammable Limits
Upper explosion limit : Not applicable
Lower explosion limit : Not applicable
- Autoignition temperature : Not relevant
- Suitable extinguishing media : water, dry powder, foam, carbon dioxide (CO₂).
- 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 : None

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 : Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

7. HANDLING AND STORAGE

- Handling : No special precautions required
- Storage : Keep in a dry, cool place.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection : No personal respiratory protective equipment normally required.
- 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.
- Engineering measures : Heat only in areas with appropriate exhaust ventilation.

Exposure limit(s)

Components	Value	Exposure time	Exposure type	List:
Calcium carbonate	10 mg/m ³	Time Weighted Average (TWA):	Total dust.	ACGIH
Calcium carbonate	5 mg/m ³	PEL:	Respirable dust.	OSHA Z1
	15 mg/m ³	PEL:	Total dust.	OSHA Z1
Quartz	0.05 mg/m ³	Time Weighted Average (TWA):	Respirable dust.	ACGIH
Quartz	0.1 mg/m ³	PEL:	Respirable dust.	OSHA
	0.3 mg/m ³	PEL:	Total dust.	OSHA
Disulfur dichloride	1 ppm	Ceiling Limit Value:	Vapor.	ACGIH
Disulfur dichloride	1 ppm 6 mg/m ³	PEL:	Vapor.	OSHA Z1

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|---------------------|------------------------------|------------------|-------------------|
| Form | : Solid | Evaporation rate | : Not applicable. |
| Appearance | : Crumb, bales | Specific Gravity | : Not determined |
| Color | : NO PIGMENT | Bulk density | : Not established |
| Odor | : Characteristic rubber odor | Vapor pressure | : Not applicable |
| Melting point/range | : Not determined | Vapor density | : Not applicable |
| Boiling Point: | : Not applicable | pH | : Not applicable |
| Water solubility | : Insoluble | | |

10. STABILITY AND REACTIVITY

- Stability : Stable.
- Hazardous Polymerization : Will not occur.

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Conditions to avoid : None known.

Incompatible Materials : strong acids and oxidizing agents alkali metals

Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

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.
1317-65-3	Calcium carbonate	Irritant	Eyes, Skin.
		Systemic effects	Eyes, Skin, Respiratory system.
10025-67-9	Disulfur dichloride	Corrosive	Eyes, Respiratory system, Skin.
		Systemic effects	central nervous system, heart or circulatory system, Skin.
		toxic	Refer to LC50 / LD50 Data on MSDS..

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
10025-67-9	Disulfur dichloride	LC50	2500 mg/m ³	rat
		Oral LD50	132 mg/kg	rat

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	Quartz	no	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:

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

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Print Date 10/7/2002**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.**12. ECOLOGICAL INFORMATION**

Persistence and degradability : Not readily biodegradable.

Environmental Toxicity : No data available.

Bioaccumulation Potential : No data available.

Additional advice : Not applicable

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 : Not regulated for transportation.

ICAO/IATA : Not regulated for transportation.

IMO / IMDG : Not regulated for transportation.

15. REGULATORY INFORMATION

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.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Chemical Name	CAS-No.	% in Product	RQ for component	RQ for Mixture/Product
Disulfur dichloride	10025-67-9	15.0700	1,000 lbs	6,636 LB

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California Proposition 65 : WARNING! This product contains a chemical known in the State of California to cause cancer.

Canadian Regulations:

WHMIS Classification : DIA, F

WHMIS Ingredient Disclosure List

CAS-No.
10025-67-9

DSL : Listed.

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.