

# PolyOne Corporation

## MATERIAL SAFETY DATA SHEET

IDENTITY: DLP 1029 Polycizer DOA-72A

### SECTION I - Preparation / Product Information

MANUFACTURED FOR AND SUPPLIED BY  
PolyOne Corporation  
1675 Navarre Road  
Massillon, OH 44646

TELEPHONE NO: (330) 837-8679  
DATE PREPARED: December 15, 2000  
PREPARER: Environmental, Health & Safety Dept.  
PRODUCT USE: Rubber Additive  
DATE PRINTED: June 28, 2002

### SECTION II - Ingredients / Identity Information

COMPONENTS		EXPOSURE LIMITS	TOXICITY
CHEMICAL IDENTITY	CAS # / UN #	PEL / TLV / OTHER	LD50 / LC50
Hydrated Amorphous Silica	7631-86-9	*6 mg/m <sup>3</sup> *10 mg/m <sup>3</sup> **3 mg/m <sup>3</sup>	
*Total Dust **Respirable Dust			

Ingredients not precisely identified are proprietary or non-hazardous.

### SECTION III - Physical / Chemical Characteristics

BOILING POINT:	Not Applicable	SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.09 (calc)
FREEZING POINT:	Not Applicable	pH:	Not Applicable
VAPOR PRESSURE (mm Hg):	Not Applicable	ODOR THRESHOLD (ppm):	Not Determined
VAPOR DENSITY (AIR = 1):	Not Determined	COEF. WATER / OIL DIST.:	Not Applicable
SOLUBILITY IN WATER:	Not Soluble	EVAPORATION RATE:	Not Applicable
APPEARANCE (PHYSICAL STATE) AND ODOR:		Solid ; Off-White Odor; None	

### SECTION IV - Fire and Explosion Hazard Data

FLASH POINT (Method): Not Applicable

EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemical, foam, water

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

HMIS RATING: 1

FLAMMABLE LIMITS LEL: Not Applicable  
UEL: Not Applicable

AUTOIGNITION TEMPERATURE: Not Applicable  
SENS. TO MECHANICAL IMPACT: Not Applicable  
SENS. TO STATIC DISCHARGE: Not Applicable  
HAZARDOUS COMBUSTION PRODUCTS: CO<sub>x</sub>

MARKETED BY

**HARWICK STANDARD**  
**DISTRIBUTION CORPORATION**  
60 S. Seiberling Street • Akron, Ohio 44305

<b>SECTION V - Reactivity Data</b>
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**STABILITY**

Stable	X
Unstable	

**CONDITIONS TO AVOID (Condition of Reactivity):** Calcining (temps > 800oC) may alter toxicological properties of silica

**INCOMPATIBILITY (Materials to Avoid):** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** COx

**HAZARDOUS POLYMERIZATION**

May Occur:	
Will Not Occur:	X

**CONDITIONS TO AVOID:** None Known

**HMIS RATING:** 0

<b>SECTION VI - Health Hazard Data</b>
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**PRIMARY ROUTE OF EXPOSURE**

Inhalation:	Skin Contact: X	
Skin Absorption:	Ingestion:	Eye Contact: X

**HEALTH HAZARDS**

**Acute:** Excessive contact with powder can cause drying of mucous membranes of nose, eyes, and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds. Eye contact with powder can result in mild irritation.

**Chronic:** None known

**CARCINOGEN:**

NTP: No	IARC: No	OSHA: No
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**SIGNS AND SYMPTOMS OF EXPOSURE:** See health hazards listed above.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None Known

**WHMIS CLASSIFICATION**

Not Determined

**HMIS RATING:** 1

**SECTION VII - First Aid Measures****EMERGENCY AND FIRST AID PROCEDURES**

Inhalation: Move to fresh air.

Ingestion: Consult a physician.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with water for 15 minutes. If irritation persists, consult a physician.

**SECTION VIII - Precautions for Safe Handling and Use**

Steps to be taken in case material is released or spilled:

Pick or scoop up and place in suitable container for disposal

Waste Disposal Method:

In accordance with all Federal, State and Local regulations. Refer to Section X.

Precautions to be taken in handling and storing:

Keep away from excessive heat and open flame. Avoid contact with eyes, skin and clothing.

**SECTION IX - Control Measures**

Respiratory Protection: (Specify Type)

A NIOSH/MSHA approved respirator above PEL or TLV as necessary.

**VENTILATION**

Local Exhaust: Recommended to minimize exposure.

Mechanical (General): Recommended to minimize exposure.

PROTECTIVE GLOVES: Impervious

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling

SECTION X - Additional Information
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**SPECIAL SHIPPING INFORMATION:** Not Available

**TSCA INVENTORY STATUS:** Chemical component(s) are listed on the TSCA Inventory.

**SARA TITLE III:**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None known

**RCRA STATUS:**

The following chemical component(s) are listed or may be characteristically hazardous under (40 CFR 261):

None Known

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.