

# Material Safety Data Sheet

Revision Date: 03/15/2014

## Hazardous Rankings

	HMIS	NFPA
Health Hazard	0	0
Fire Hazard	1	1
Reactivity	0	0

## Protective Equipment

### Minimum Requirements

See section 8 for details

## Emergency Overview

Physical State: Granules  
Color: Clear  
Odor: Odorless

Not expected to present any hazards under anticipated conditions of use.  
Spills may create a slipping hazard.

## Section 1: Identification

Distributor: Plastic Process Equipment      Emergency Phone: 216-367-7000  
8303 Corporate Park Drive  
Macedonia, OH 44056  
Trade Name: Acrylic Purge Compound  
Product Number: 114656A, 114652AP

## Section 2: Composition

Component	CAS NO. %	TWA/Ceiling	Reference
Methyl Methacrylate	000080-62-6	<1.5 100 ppm	OSHA/ACGIH

## Section 3: Hazards Identification

Also see Emergency Overview and Hazard Ratings on the top of page 1 of this MSDS.

Appearance and Odor: Solid granules, colorless  
Major Route(s) of Entry: Not Applicable

### Signs and Symptoms of Acute Exposure

**Inhalation:** No significant adverse health effects are expected to occur upon short-term exposure.  
**Eye Contact:** No significant adverse health effects are expected to occur upon short-term exposure.  
**Skin Contact:** No significant irritation is expected to occur upon short-term exposure.  
**Ingestion:** If swallowed, no significant adverse health effects are anticipated.  
**Chronic Health Effects:** No significant signs of symptoms indicate any adverse health effects are expected to occur.  
**Conditions Aggravated:**

**By Exposure:** None known.  
**Target Organs:** No target organ effects are anticipated.  
**Carcinogenic Potential:** This product does not contain any components at concentrations above 0.1%, which are considered carcinogenic by OSHA, IARC or NTP.

#### Section 4: First Aid Measures

**Inhalation:** Vaporization is not expected at ambient temperatures. This material is not expected to cause inhalation-related disorders under anticipated conditions of use. In case of overexposure, move the person to fresh air.

**Eye Contact:** Check for and remove contact lenses. Flush eyes with cool, clean, low-pressure water while occasionally lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.

**Skin Contact:** Remove contaminated shoes and clothing. Wipe off excess material. Wash exposed skin with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists. Thoroughly clean contaminated clothing before use. Discard contaminated leather goods. If material is injected under the skin, seek medical attention immediately.

**Ingestion:** Do not induce vomiting unless directed to by a physician. Do not give anything to drink unless directed to by a physician. Never give anything by mouth to a person who is not fully conscious. If significant amounts are swallowed or irritation or discomfort occurs, seek medical attention immediately.

#### Section 5: Fire Fighting Measures

**NFPA Flammability Classification:** NFPA Class-IIIB combustible material. Slightly combustible.

**Flash Point:** No Data

**Lower Flammability Level:** No Data

**Upper Flammability Level:** No Data

**Auto ignition Temperature:** 830°F

**Combustion Products:** Carbon Dioxide, smoke, fumes, and unburned hydrocarbons.

**Special Properties:** This material can burn but will not readily ignite.

**Extinguishing Media:** Use dry chemical, foam, Carbon Dioxide or water fog.

#### Section 6: Accidental Release Measures

**Do not touch damaged containers or spilled material unless wearing appropriate protective wear.**  
**Slipping Hazard, do not walk through spilled material.**  
**Prevent entry into waterways or sewer.**

#### Section 7: Handling and Storage

**Handling:** Avoid water contamination and extreme temperatures to minimize product degradation.

**Storage:** Do not store at temperatures above 120° F or in direct sunlight for extended periods of time.

#### Section 8: Exposure Controls and Personal Protection

**Personal Protection:** Personal protective equipment should be selected based on the conditions under which this material is used. Minimal requirements for personal protective equipment.

**Eye Protection:** Safety glasses should be adequate protection under most conditions of use.

**Hand Protection:** Use necessary gloves for situational use.

**Body Protection:** None required under normal use situations.

**Respiratory:** None Required under normal use situations.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Granules	<b>Color:</b>	Clear	<b>Odor:</b>	Odorless
<b>Weight Per Gallon:</b>	N/A	<b>pH:</b>	N/A		
<b>Boiling Point:</b>	N/A				
<b>Melt/Freezing Point:</b>	N/A				
<b>Solubility in Water:</b>	Insoluble				

## Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable	<b>Hazardous Polymerization:</b>	Not expected to occur.
<b>Conditions to Avoid:</b>	Keep away from extreme heat, sparks, open flame, and strong oxidizing conditions.		
<b>Materials Incompatibility:</b>	None Known.		

## Section 11: Toxicological Information

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA  
Toxicological information for the product is found under Section 3 HAZARDS IDENTIFICATION. Toxicological information on the OSHA regulated components of this product is as follows:  
The acute oral (rat) LD50 value for methyl methacrylate monomer (MMA) is approximately 8,400 mg/kg. Liquid MMA may cause primary eye or skin irritation. Allergic skin reactions may occur by repeated direct contact. Vapor overexposure may cause irritation to the eyes or respiratory tract and may cause central nervous system depression. MMA was not carcinogenic to rats and mice when inhaled at concentrations up to 1000 ppm for 2 years in studies sponsored by the National Toxicology Program. These concentrations produced chronic nasal irritation resulting in inflammation of the nasal cavity and degeneration of the olfactory epithelium.

## Section 12: Disposal Considerations

Although this material is not classified as hazardous in its original form-  
It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal.  
State and/or local regulatory departments should be consulted.

## Section 13: Transport Information

<b>DOT Status:</b>	Not a U.S. Department of Transportation regulated material.
<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	Not Regulated
<b>Placards:</b>	None Required

## Disclaimer of Liability

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This MSDS was prepared and is to be used only for this product.  
The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of the product.