

# Material Safety Data Sheet

#340

## SECTION I — IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name **HILLYARD CHEMICAL COMPANY** Product Name **Seal 341**

Address **302 North Fourth Street  
St. Joseph, MO 64502** Date Prepared **July 8, 1986**

Emergency Telephone No. **(816) 233-1321** And Other Information Calls **(816) 233-1321** Prepared by **Regulatory Affairs Department**

## SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
none	N/A	N/A	N/A	N/A	N/A

(This chemical mixture does not contain 1% or more of chemicals that have been determined to be a health hazard, nor does this product contain carcinogens with a concentration of 0.1% or greater per definitions set forth in 29CFR 1910.1200[d])

## SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	200-208°F	Specific Gravity (H <sub>2</sub> O = 1)	1.03
Vapor Pressure (mm Hg.)	N/A	Percent Volatile By Volume (%)	80%
Vapor Density (AIR = 1)	< 1	Evaporation Rate (butyl acetate = 1)	< 1
Solubility in Water	complete	Appearance and Odor	creamy white emulsion; non-objectionable odor

## SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) none (T.C.C.)	Flammable Limits	LEL N/A	UEL N/A
--	------------------	------------	------------

Extinguishing Media  
N/A

Special Fire Fighting Procedures  
none

### Unusual Fire and Explosion Hazards

Material may spatter if temperature exceeds boiling point. Polymer film can burn.

## SECTION V — PHYSICAL HAZARDS

Stability  Unstable  Stable  Conditions to Avoid **N/A**

Incompatibility (Materials to Avoid)  
none known

Hazardous Decomposition Products Or Byproducts  
none known

Hazardous Polymerization  May Occur  Will Not Occur  Conditions To Avoid

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation? N/A Skin? N/A Ingestion? N/A

Health Hazards (1. Acute and 2. Chronic)

1. Mild eye irritation
2. none known

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
---	-----------------------------	--	---------------------	--	------	--

Signs and Symptoms of Exposure  
none known

Medical Conditions Chronically Aggravated by Exposure  
none known

**Emergency and First Aid Procedures**

If splashed into eyes flush with water for 15 minutes; if wearing contact lenses remove and again flush with plenty of water. If irritation persists get medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps To Be Taken In Case Material Is Released Or Spilled

Pick up with mop or wet vac and wash away with water.

Waste Disposal Method

Wash small quantities down sewer with large amount of water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Large spills should be picked up with wet vac or absorbent material. Landfill or incinerate solids. Dispose of liquid per local, state and federal regulations.

Precautions To Be Taken In Handling And Storing

Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperatures.

Other Precautions

Inhalation exposure to spray mist should be maintained at less than 10 mg/M<sup>3</sup> per eight hour exposure (TWA limit est. for nuisance dust).

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

none required

ventilation at least 10 air chgs/hr. recommended	Local Exhaust	Mechanical (General)	Special	Other
	<u>not required</u>	<u>suggested</u>	<u>N/A</u>	<u>N/A</u>

Protective Gloves none required Eye Protection glasses where splashing of conc. is a concern

Other Protective Clothing Or Equipment  
none required

Work/Hygienic Practices

Do not take internally; wash contaminated clothing before reuse.

**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.** The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. Hillyard Chemical Company, however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Hillyard Chemical Company be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this Material Safety Data Sheet. The ultimate compliance with federal, state or local regulations concerning the use or disposal of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.