

## 1. Product and Company Identification

<b>Material name</b>	<b>POLY-PORE® 120RE</b>
<b>Version #</b>	03
<b>Revision date</b>	15-Apr-2008
<b>Chemical name</b>	INCI: Retinol (and) allyl methacrylates crosspolymer (and) polysorbate 20
<b>CAS #</b>	Mixture
<b>Manufacturer information</b>	AMCOL Health & Beauty Solutions 301 Laser Lane Lafayette, LA 70507 US safetydata@amcol.com <a href="http://www.healthbeautysolutions.com/">http://www.healthbeautysolutions.com/</a> General Information (800) 261-8032 CHEMTREC® (800) 424-9300

## 2. Hazards Identification

<b>Emergency overview</b>	Health injuries are not known or expected under normal use.
<b>OSHA regulatory status</b>	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
<b>Potential health effects</b>	
<b>Eyes</b>	Dust or powder may irritate eye tissue.
<b>Skin</b>	Health injuries are not known or expected under normal use. Not expected to be a primary skin irritant. Chronic exposure causes drying effect on the skin and eczema.
<b>Inhalation</b>	Health injuries are not known or expected under normal use. Inhalation of dusts may cause respiratory irritation.
<b>Ingestion</b>	Health injuries are not known or expected under normal use. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

## 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
<b>Skin contact</b>	No special measures required. Rinse with water. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
<b>Ingestion</b>	No need for first aid is anticipated if material is swallowed. Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.
<b>Notes to physician</b>	Provide general supportive measures and treat symptomatically.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Dusts at sufficient concentrations can form explosive mixtures with air.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical, CO <sub>2</sub> , water spray or regular foam. Use methods for the surrounding fire.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Avoid inhalation of dust from the spilled material. Wear a dust mask if dust is generated above exposure limits.
<b>Environmental precautions</b>	No special environmental precautions required.
<b>Methods for containment</b>	Stop leak if you can do so without risk.
<b>Methods for cleaning up</b>	Reduce airborne dust and prevent scattering by moistening with water. Sweep up or gather material and place in appropriate container for disposal. After removal flush contaminated area thoroughly with water.

## 7. Handling and Storage

<b>Handling</b>	Product must be handled under yellow light. Keep formation of airborne dusts to a minimum. All equipment used when handling the product must be grounded. Use spark-proof tools and explosion-proof equipment.
<b>Storage</b>	Store this product in air-tight containers away from sources of heat and light. Keep in a dry, cool place. Keep at temperatures between -1 and 4°C.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### U.S. - OSHA

Impurities	CAS #	Type	Value	Form
NUISANCE PARTICULATES	RR-00072-6	TWA	5 mg/m3	(respirable fraction)
		TWA (total dust)	15 mg/m3	(total dust)

<b>Engineering controls</b>	Good general ventilation should be sufficient to control airborne levels.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Wear safety glasses with side shields.
<b>Skin protection</b>	Not normally needed. Normal work clothing (long sleeved shirts and long pants) is recommended.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required. Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.
<b>General hygiene considerations</b>	Use good industrial hygiene practices in handling this material.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Not available.
<b>Color</b>	Off-white to pale yellow.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Solid.
<b>Form</b>	Powder.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.

<b>Specific gravity</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Exposure to light. Exposure to moisture. Heat, flames and sparks.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon oxides.
<b>Possibility of hazardous reactions</b>	Will not occur.

## 11. Toxicological Information

<b>Acute effects</b>	Acute LD50: > 2000 mg/kg, Rat, Oral Acute LD50: > 2000 mg/kg, Rat, Dermal According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
<b>Chronic effects</b>	Chronic overexposure to components in this product is associated with low red blood count, low leukocyte count, joint/bone pain, fatigue, depression, skin rash, and liver and spleen abnormalities.
<b>Teratogenicity</b>	Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Based on these experimental results, protection against maternal toxicity will provide adequate protection against potential embryo-fetal toxicity and teratogenicity.

## 12. Ecological Information

<b>Ecotoxicity</b>	Components of this product have been identified as having potential environmental concerns. No data available for this product.
<b>Environmental effects</b>	Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.
<b>Persistence and degradability</b>	Not available.

## 13. Disposal Considerations

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
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## 14. Transport Information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

## 15. Regulatory Information

<b>US federal regulations</b>	OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.
<b>CERCLA (Superfund) reportable quantity</b>	None

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

### Further information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

### HMIS ratings

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

### NFPA ratings

Health: 1  
Flammability: 0  
Instability: 0

### Disclaimer

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 manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. 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.

### Issue date

15-Apr-2008

**This data sheet contains changes from the previous version in section(s):**

Hazards Identification: OSHA regulatory status  
First Aid Measures: Inhalation  
Accidental Release Measures: Methods for cleaning up  
Handling and Storage: Handling  
Chemical Stability & Reactivity Information: Possibility of hazardous reactions  
Ecological Information: Ecotoxicity  
Ecological Information: Environmental effects  
Regulatory Information: US federal regulations  
Other Information: Disclaimer  
Other Information: Other information

**Other information**

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