

Revision Date: 18-Aug-2015

Item Number(s): 2301, 2305, 16901, 16905,  
209906, 209907

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product identifier

**Product Name** PRO-999 Rx-35<sup>®</sup> SEALER / PRIMER FOR POUROUS SURFACES

Other means of identification

**Synonyms** None

Recommended use of the chemical and restrictions on use

**Recommended Use** Primers, Sealers, and Undercoaters

**Uses advised against** See Technical Data Sheet

Details of the supplier of the safety data sheet

**Supplier Name** Roman Decorating Products, LLC

**Supplier Address** 824 State Street  
Calumet City, IL  
60409  
US

**Supplier Phone Number** Phone: 708-891-0770  
Fax: 708-891-4746

**Supplier Email** technicalhelp@romandec.com

Emergency telephone number

**Company Emergency Phone Number** 708-891-0770

**2. HAZARDS IDENTIFICATION**


Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization	Category 1
Carcinogenicity	Category 2
Reproductive Toxicity	Category 2

**GHS Label elements, including precautionary statements**

**Emergency Overview**

<b>Signal word</b>	<b>Warning</b>		
<b>Hazard Statements</b>			
May cause an allergic skin reaction			
Suspected of causing cancer			
Suspected of damaging fertility or the unborn child			
			
<b>Appearance</b>	Milky white	<b>Physical state</b>	Liquid
		<b>Odor</b>	Ammonia

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see supplemental first aid instructions on this label)

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

26.31% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

May be harmful if swallowed

Harmful to aquatic life  
 Repeated or prolonged skin contact may cause allergic reactions with susceptible persons  
 INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS

#### Interactions with Other Chemicals

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Proprietary	7 - 13	*
Ammonia	7664-41-7	0.1 - 1	*
Supplier Trade Secret	Proprietary	0.1 - 1	*
Toluene	108-88-3	0.1 - 1	*
Ammonium hydroxide	1336-21-6	0.1 - 1	*
1,2-Benzisothiazolin-3-one	2634-33-5	0.1 - 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

#### General Advice

Show this safety data sheet to the doctor in attendance.

#### Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

#### Skin contact

Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

#### Inhalation

Remove to fresh air.

#### Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

#### Most important symptoms and effects, both acute and delayed

#### Most Important Symptoms and Effects

Itching. Rashes. Hives.

#### Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

May cause sensitization of susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

**Uniform Fire Code**                      Sensitizer: Liquid

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact**      No.

**Sensitivity to Static Discharge**        No.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other Information**                              Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental precautions**                Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment**                    Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**                    Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage** Do not freeze. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** Strong oxidizing agents. Strong acids. Chlorinated compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ammonia 7664-41-7	STEL: 35 ppm TWA: 25 ppm	TWA: 50 ppm TWA: 35 mg/m <sup>3</sup> (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m <sup>3</sup>	IDLH: 300 ppm TWA: 18 mg/m <sup>3</sup> TWA: 25 ppm STEL: 27 mg/m <sup>3</sup> STEL: 35 ppm
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m <sup>3</sup> Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Ammonia
<b>Appearance</b>	Milky white	<b>Odor Threshold</b>	No information available
<b>Color</b>	Milky white		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
<b>pH</b>	8.5	None known	
<b>Melting / freezing point</b>	0 °C / 32 °F	None known	
<b>Boiling point / boiling range</b>	100 °C / 212 °F	None known	
<b>Flash Point</b>	Not applicable	None known	
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	Not applicable	None known	
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit</b>	Not applicable	No data available	
<b>Lower flammability limit</b>	Not applicable	No data available	
<b>Vapor pressure</b>	No data available	None known	
<b>Vapor density</b>	No data available	None known	
<b>Specific Gravity</b>	1.01	None known	
<b>Water Solubility</b>	Miscible in water	None known	
<b>Solubility in other solvents</b>	No data available	None known	
<b>Partition coefficient: n-octanol/water</b>	Not applicable	None known	
<b>Autoignition temperature</b>	Not applicable	None known	
<b>Decomposition temperature</b>	Not applicable	None known	
<b>Kinematic viscosity</b>	No data available	None known	
<b>Dynamic viscosity</b>	2000	None known	
<b>Explosive properties</b>	Not applicable		
<b>Oxidizing properties</b>	Not applicable		

**Other Information**

<b>Softening Point</b>	Not applicable
<b>VOC Content (g/L)</b>	15.24
<b>Particle Size</b>	Not applicable
<b>Particle Size Distribution</b>	

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not applicable.

No data

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Chlorinated compounds.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ammonia 7664-41-7	= 350 mg/kg ( Rat )	-	= 2000 ppm ( Rat ) 4 h
Supplier Trade Secret	= 920 mg/kg ( Rat )	-	> 5 mg/L ( Rat ) 4 h
Toluene 108-88-3	= 636 mg/kg ( Rat )	= 8390 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h > 26700 ppm ( Rat ) 1 h
Ammonium hydroxide 1336-21-6	= 350 mg/kg ( Rat )	-	-

### Information on toxicological effects

**Symptoms** Itching. Rashes. Hives.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** May cause sensitization of susceptible persons. May cause sensitization by skin contact.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret		Group 2B		X
Toluene 108-88-3		Group 3		

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** Contains a known or suspected reproductive toxin. Product is or contains a chemical which is a known or suspected reproductive hazard.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity**

No known effect based on information supplied. Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Contains toluene. Exposure to toluene in animals via inhalation and intentional overexposure to toluene in humans has caused adverse fetal development effects.

**Target Organ Effects**

Skin. Respiratory system. Eyes. Gastrointestinal tract (GI). Reproductive System. Central Nervous System (CNS). Liver. Kidney.

**Aspiration Hazard**

No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

3,204.00 mg/kg

**ATEmix (inhalation-dust/mist)**

140.06 mg/l

**ATEmix (inhalation-vapor)**

839.00 ATEmix



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ammonia 7664-41-7		96h LC50: = 0.44 mg/L (Cyprinus carpio) 96h LC50: = 1.19 mg/L (Poecilia reticulata) 96h LC50: > 1.5 mg/L (Poecilia reticulata) 96h LC50: = 5.9 mg/L (Pimephales promelas) 96h LC50: 0.73 - 2.35 mg/L (Pimephales promelas) 96h LC50: = 1.17 mg/L (Lepomis macrochirus) 96h LC50: 0.26 - 4.6 mg/L (Lepomis macrochirus)		48h LC50: = 25.4 mg/L
Supplier Trade Secret	96h EC50: 560 - 1000 mg/L (Chlorella vulgaris)	96h LC50: 93 - 170 mg/L (Pimephales promelas) 96h LC50: 175 - 225 mg/L (Lepomis macrochirus) 96h LC50: = 470 mg/L (Pimephales promelas) 96h LC50: = 252 mg/L (Lepomis macrochirus) 96h LC50: 560 - 1000 mg/L (Poecilia reticulata) 96h LC50: = 114 mg/L (Pimephales promelas) 96h LC50: 560 - 1000 mg/L (Oryzias latipes) 96h LC50: 72 - 133 mg/L (Oncorhynchus mykiss)	EC50 3200 - 5600 mg/L 8 h	48h LC50: 560 - 1000 mg/L
Toluene 108-88-3	96h EC50: > 433 mg/L (Pseudokirchneriella subcapitata) 72h EC50: = 12.5 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 15.22 - 19.05 mg/L (Pimephales promelas) 96h LC50: 5.89 - 7.81 mg/L (Oncorhynchus mykiss) 96h LC50: 14.1 - 17.16 mg/L (Oncorhynchus mykiss) 96h LC50: = 12.6 mg/L (Pimephales promelas) 96h LC50: = 5.8 mg/L (Oncorhynchus mykiss) 96h LC50: 11.0 - 15.0 mg/L (Lepomis macrochirus) 96h LC50: = 54 mg/L (Oryzias latipes) 96h LC50: = 28.2 mg/L (Poecilia reticulata) 96h LC50: 50.87 - 70.34 mg/L (Poecilia reticulata)	EC50 = 19.7 mg/L 30 min	48h EC50: 5.46 - 9.83 mg/L 48h EC50: = 11.5 mg/L
Ammonium hydroxide 1336-21-6		96h LC50: = 8.2 mg/L (Pimephales promelas)		48h EC50: = 0.66 mg/L

### Persistence and Degradability

No information available.

### Bioaccumulation

Chemical Name	Log Pow
Ammonia 7664-41-7	-1.14
Toluene 108-88-3	2.65
1,2-Benzisothiazolin-3-one 2634-33-5	1.3

### Other adverse effects

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations.

**US EPA Waste Number** U220 U008

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Toluene 108-88-3	U220	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151		U220

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene 108-88-3			Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Toluene 108-88-3	Toxic Ignitable
Ammonium hydroxide 1336-21-6	Toxic Corrosive

**14. TRANSPORT INFORMATION**

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA**  
**Proper Shipping Name** Not regulated  
**Hazard Class** NON REGULATED  
 N/A

**IMDG/IMO**  
**Hazard Class** Not regulated  
 N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ammonia - 7664-41-7	7664-41-7	0.1 - 1	1.0
Toluene - 108-88-3	108-88-3	0.1 - 1	1.0
Ammonium hydroxide - 1336-21-6	1336-21-6	0.1 - 1	1.0

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes  
**Fire Hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonia 7664-41-7	100 lb			X
Toluene 108-88-3	1000 lb	X	X	X
Ammonium hydroxide 1336-21-6	1000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Ammonia 7664-41-7	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Ammonium hydroxide 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Toluene - 108-88-3	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
2-(2-butoxyethoxy)ethanol 112-34-5			X	X	X
Ammonia 7664-41-7	X	X	X	X	
Phosphoric acid 7664-38-2	X	X	X	X	
Ammonium hydroxide 1336-21-6	X	X	X	X	
Toluene 108-88-3	X	X	X	X	X

**International Regulations**

Component	Carcinogen Status	Exposure Limits
Ammonia 7664-41-7 ( 0.1 - 1 )		Mexico: TWA 25 ppm Mexico: TWA 18 mg/m <sup>3</sup> Mexico: STEL 35 ppm Mexico: STEL 27 mg/m <sup>3</sup>
Toluene 108-88-3 ( 0.1 - 1 )		Mexico: TWA 50 ppm Mexico: TWA 188 mg/m <sup>3</sup>

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 2	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health Hazards</b> 2 *	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal Protection</b> X

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 18-Aug-2015

**Revision Note** No information available

**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 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

**End of Safety Data Sheet**