

SAFETY DATA SHEET

PRO-999 Rx-35® Sealer / Primer for Porous Surfaces

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name PRO-999 Rx-35® Sealer / Primer for Porous Surfaces

Recommended use of the chemical and restrictions on use

Application Primer.

Uses advised against Use only for intended applications.

Details of the supplier of the safety data sheet

Supplier Roman Decorating Products, LLC

824 State Street Calumet City, IL

60409

United States Tel: 708-891-0770 Fax: 708-891-4746

technicalhelp@romandec.com

Emergency telephone number

Emergency telephone Tel: 708-891-0770

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Not Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Aquatic Acute 3 - H402

Label elements

Hazard statements H402 Harmful to aquatic life.

Precautionary statements P273 Avoid release to the environment.

P501 Dispose of contents/ container in accordance with national regulations.

Other hazards

None known.

3. Composition/information on ingredients

Mixtures

PRO-999 Rx-35® Sealer / Primer for Porous Surfaces

Ammonia 0.25 - <0.5%

CAS number: 1336-21-6 M factor (Acute) = 1

Classification

Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400

The full text for all hazard statements is displayed in Section 16.

Ingredient notes The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR

1910.1200.

4. First-aid measures

Description of first aid measures

General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical

personnel.

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms

are severe or persist.

Ingestion Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not

induce vomiting unless under the direction of medical personnel.

Skin Contact It is important to remove the substance from the skin immediately. Remove contamination

with soap and water or recognized skin cleansing agent. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Get medical attention if symptoms

are severe or persist after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical

attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation No specific symptoms known.

Ingestion No specific symptoms known. May cause discomfort if swallowed.

Skin contact The product contains a small amount of sensitizing substance. May cause skin sensitization

or allergic reactions in sensitive individuals.

Eye contact May be slightly irritating to eyes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-

extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapors. Oxides of carbon. Oxides of nitrogen.

Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. Wear

protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapors. Do not touch or walk into spilled material.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Do not handle until all safety precautions have been read and understood. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Persons susceptible to allergic reactions should not handle this product. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Use only in well-ventilated areas. Use only when the room temperature is above: 60 °F. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash

before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs. Store in tightly-closed, original container in a dry and cool place. Do not freeze. Keep containers upright. Protect containers

from damage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Ingredient commentsNo exposure limits known for ingredient(s).

The product contains no substances classified as hazardous to health by an OEL value in

concentrations which should be taken into account.

Exposure controls

Appropriate engineering

controls

Provide adequate ventilation.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates

eye contact is possible. Wear chemical splash goggles. Personal protective equipment for eye

and face protection should comply with OSHA 1910.133.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if

a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any

deterioration is detected.

Other skin and body

protection

Wear appropriate clothing to prevent skin contamination.

Hygiene measures Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

Respiratory protection No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is

inadequate, suitable respiratory protection must be worn. Ensure all respiratory protective

equipment is suitable for its intended use and is NIOSH approved.

Environmental exposure

controls

Keep container tightly sealed when not in use. Avoid release to the environment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Liquid. Color Milky. Odor Mild.

Odor threshold No data available.

Ηq 8.5

Melting point 0°C/32°F

Initial boiling point and range 100°C/212°F

Flash point No data available. No data available. **Evaporation rate** Flammability (solid, gas) No data available.

Upper/lower flammability or

explosive limits

No data available.

No data available. Vapor pressure Vapor density No data available.

Relative density 1.01

Solubility(ies) Miscible with water. Partition coefficient No data available. No data available. **Auto-ignition temperature Decomposition Temperature** No data available.

2000 cP Viscosity

No data available. **Explosive properties** Oxidizing properties No data available.

Volatile organic compound 0.42%

10. Stability and reactivity

See the other subsections of this section for further details. Reactivity

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

Possibility of hazardous

reactions

No potentially hazardous reactions known.

Conditions to avoid Avoid freezing. Avoid exposure to high temperatures or direct sunlight.

Materials to avoid Do not mix with other chemicals. Avoid contact with acids and alkalis.

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Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Oxides of carbon. Oxides of nitrogen.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD50) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal dataBased on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization

Summary The product contains a small amount of sensitizing substance. May cause skin sensitization

or allergic reactions in sensitive individuals.

Skin sensitization Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity Contains a substance/a group of substances which may cause cancer. IARC Group 1

Carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposureNot classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation No specific symptoms known.

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Ingestion No specific symptoms known. May cause discomfort if swallowed.

Skin Contact May cause skin sensitization or allergic reactions in sensitive individuals.

Eye contact May be slightly irritating to eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target Organs No specific target organs known.

Medical considerations Skin disorders and allergies.

Toxicological information on ingredients.

Ammonia

Skin corrosion/irritation

Animal data Dose: 0.5 mL 12%, 4 hours, Rabbit Corrosive.

Serious eye damage/irritation

Serious eye Corrosivity to eyes is assumed.

damage/irritation

Germ cell mutagenicity

Genotoxicity - in vitroGene mutation: Negative.

Genotoxicity - in vivo Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity NOAEL 256 mg/kg/day, Oral, Rat Read-across data.

Reproductive toxicity

Reproductive toxicity -

fertility

Screening - NOAEL 1500 mg/kg/day, Oral, Rat P Read-across data.

Reproductive toxicity -

development

Developmental toxicity: - NOAEL: 100 mg/kg/day, Oral, Rabbit

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H335 May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 250 mg/kg/day, Oral, Rat

1,2-Benzisothiazol-3(2H)-one

Acute toxicity - oral

Acute toxicity oral (LD50

490.0

mg/kg)

Species Rat

Notes (oral LD50) Harmful if swallowed.

ATE oral (mg/kg) 490.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

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Animal data Causes skin irritation.

Serious eye damage/irritation

Serious eye Causes serious eye damage.

damage/irritation

Skin sensitization

Skin sensitization Guinea pig maximization test (GPMT) - Guinea pig: Sensitizing.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative.

Genotoxicity - in vivo DNA damage and/or repair: Negative.

Reproductive toxicity

Reproductive toxicity -Two-generation study - NOAEL 112 mg/kg/day, Oral, Rat P

fertility

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 69 mg/kg/day, Oral, Rat

12. Ecological information

Toxicity Harmful to aquatic life.

Ecological information on ingredients.

Ammonia

Toxicity Aquatic Acute 1 - H400 Very toxic to aquatic life.

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC₅₀, 96 hours: 11 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

LC₅₀, 48 hours: 25.4 mg/l, Daphnia magna

Chronic aquatic toxicity

life stage

Chronic toxicity - fish early NOEC, 61 days: 1.2 mg/l, Oncorhynchus gorbuscha

1,2-Benzisothiazol-3(2H)-one

Toxicity Aquatic Acute 1 - H400 Very toxic to aquatic life.

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC₅₀, 96 hours: 2.15 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: 2.9 mg/l, Daphnia magna

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Acute toxicity - aquatic

plants

EC₅o, 72 hours: 0.11 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 0.04 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms

EC₅₀, 3 hours: 12.8 mg/l, Activated sludge

Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

Ammonia

Persistence and degradability

The degradability of the product is not known.

1,2-Benzisothiazol-3(2H)-one

Phototransformation Air - DT₅₀ : 7.568 hours

Stability (hydrolysis) pH4 - DT₅₀ : 219 days @ 50°C

pH9 - DT₅₀: 145 days @ 50°C

Biodegradation Water - Degradation 85%: 63 days

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient No data available.

Ecological information on ingredients.

Ammonia

Bio-Accumulative Potential The product is not bioaccumulating.

1,2-Benzisothiazol-3(2H)-one

Bio-Accumulative Potential BCF: 6.62, Lepomis macrochirus (Bluegill)

Partition coefficient Water - log Pow: -0.9 - 0.99 @ 20°C

Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

Ammonia

Mobilety Mobile.

1,2-Benzisothiazol-3(2H)-one

Adsorption/desorption

coefficient

Log Koc: 0.97

Surface tension 72.6 mN/m @ 20°C

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

General information The generation of waste should be minimized or avoided wherever possible. Reuse or recycle

products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product

residues and hence be potentially hazardous.

Disposal methods Do not empty into drains. Dispose of contents/container in accordance with national

regulations.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name

(International)

UN No. (DOT)

Not applicable.

Not applicable.

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)

Transport Labels

(International)

No transport warning sign required.

DOT transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

DOT packing group Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

DOT reportable quantity Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

15. Regulatory information

Regulatory References OSHA Hazard Communication Standard 29 CFR §1910.1200

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed:

Ammonia

Final CERCLA RQ: 1000(454) pounds (Kilograms)

Phosphoric acid

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

Ethyl acrylate

Final CERCLA RQ: 1000(454) pounds (Kilograms)

Toluene

Final CERCLA RQ: 1000(454) pounds (Kilograms)

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed.

SARA 313 Emission Reporting

The following ingredients are listed:

Ammonia

1.0 %

3-lodo-2-propynyl butylcarbamate

1.0 %

Amorphous silica

1.0 %

Ethyl acrylate

0.1 %

Toluene

1.0 %

2,2-Dibromo-2-cyanoacetamide

1.0 %

CAA Accidental Release Prevention

None of the ingredients are listed.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

The following ingredients are listed:

Ethyl acrylate

Toluene

California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed:

Phosphoric acid

Ethyl acrylate

Toluene

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed.

California Directors List of Hazardous Substances

The following ingredients are listed:

Ammonia

Phosphoric acid

Proprietary

Amorphous silica

Ethyl acrylate

Toluene

Massachusetts "Right To Know" List

The following ingredients are listed:

Ammonia

Phosphoric acid

Trisodium nitrilotriacetate

Proprietary

Amorphous silica

Ethyl acrylate

Toluene

Rhode Island "Right To Know" List

The following ingredients are listed:

Phosphoric acid

Proprietary

Ethyl acrylate

Toluene

Minnesota "Right To Know" List

The following ingredients are listed:

Phosphoric acid

Proprietary

Amorphous silica

Ethyl acrylate

Toluene

 $Poly(oxy-1,2-ethanediyl), \alpha-hydro-\omega-hydroxy-$ Ethane-1,2-diol, ethoxylated

New Jersey "Right To Know" List

The following ingredients are listed:

Ammonia

Phosphoric acid

Proprietary

3-lodo-2-propynyl butylcarbamate

Ethyl acrylate

Toluene

2,2-Dibromo-2-cyanoacetamide

Pennsylvania "Right To Know" List

The following ingredients are listed:

Ammonia

Phosphoric acid

Proprietary

Amorphous silica

Ethyl acrylate

Toluene

Proprietary polymer

Inventories

US-TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

16. Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods. LC₅o: Lethal Concentration to 50 % of a test population.

LD₅o: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978. BCF: Bioconcentration Factor.

EC₅₀: 50% of maximal Effective Concentration. NOEC: No Observed Effect Concentration. NOAEL: No Observed Adverse Effect Level.

Training advice Read and follow manufacturer's recommendations.

Revision comments This is the first issue.

 Revision date
 8/9/2018

 SDS No.
 7604

Hazard statements in full H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H402 Harmful to aquatic life.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.