MATTE Clear Coat

SECTION 1: Identification

Product identifier

Product name: MATTE Clear Coat
Product code: 44901; 44904

Recommended use of the product and restriction on use

Relevant identified uses: Paints and coatings.
Uses advised against: Not determined or not applicable.
Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:
United States
P.O.R. Products
38 Portman Road
New Rochelle, NY 10801
914-636-0700

Emergency telephone number:

United States
ChemTel Inc.
+1 800 255 3924
+1 813 248 0585

SECTION 2: Hazard(s) identification

GHS classification: Not a hazardous substance or mixture

Label elements

Hazard pictograms: None

Signal word: None

Hazard statements: None
Precautionary statements: None
Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7732-18-5	Water	20-25
CAS number: 67-56-1	Methanol	<0.01
CAS number: 102-71-6	2,2',2''-Nitrilotriethanol	<1
CAS number: 111-42-2	2,2'-Iminodiethanol	<0.1

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CAS number: 7664-41-7	Ammonia	<1
CAS number: 75-21-8	Ethylene oxide	<0.01

Additional Information:
Ingredients not identified above are either non-hazardous and/or not required to be displayed as they do not contribute to the hazards of this material.

SECTION 4: First aid measures

Description of first aid measures

General notes:
Not determined or not applicable.

After inhalation:
Loosen clothing as necessary and position individual in a comfortable position
Maintain an unobstructed airway
Get medical advice/attention if you feel unwell

After skin contact:
Rinse affected area with soap and water
If symptoms develop or persist, seek medical attention

After eye contact:
Rinse/flush exposed eye(s) gently using water for 15-20 minutes
If symptoms develop or persist, seek medical attention

After swallowing:
Rinse mouth thoroughly
Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:
Not determined or not applicable.

Delayed symptoms and effects:
Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:
Not determined or not applicable.

Notes for the doctor:
Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:
Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:
Not determined or not applicable.

Specific hazards during fire-fighting:
Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:
Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:
Not determined or not applicable.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation
Ensure air handling systems are operational
Wear protective eye wear, gloves and clothing

Environmental precautions:
Should not be released into the environment
Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:
Wear protective eye wear, gloves and clothing
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)
Dispose of contents / container in accordance with local regulations

Reference to other sections:
Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:
Use only with adequate ventilation.
Avoid breathing mist or vapor.
Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:
Keep container tightly sealed.
Protect from freezing and physical damage.
Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	2,2',2''-Nitrilotriethanol	102-71-6	ACGIH TLV TWA 5.0 mg/m³
	Ethylene oxide	75-21-8	ACGIH TLV TWA 1 ppm
	2,2'-Iminodiethanol	111-42-2	TLV TWA 1.0 mg/m³ (8 h exposure limit)
	Methanol	67-56-1	ACGIH TLV TWA: 200 ppm
	Ammonia	7664-41-7	ACGIH TLV TWA 25 ppm
	Ammonia	7664-41-7	ACGIH TLV STEL 35 ppm
NIOSH	2,2'-Iminodiethanol	111-42-2	NIOSH TWA 3 ppm; 15.0 mg/m³
	Ethylene oxide	75-21-8	NIOSH REL Ca TWA < 0.1 ppm (0.18 mg/m³)
	Ethylene oxide	75-21-8	NIOSH REL C 5 ppm (9 mg/m³)
	Ammonia	7664-41-7	NIOSH REL TWA 25 ppm
	Ammonia	7664-41-7	NIOSH REL TWA 18 mg/m³

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Ammonia	7664-41-7	NIOSH REL ST 35 ppm
	Ammonia	7664-41-7	NIOSH REL ST 27 mg/m³
United States (OSHA)	Ethylene oxide	75-21-8	OSHA PEL [1910.1047] TWA (Table Z-1) 1 ppm
	Ethylene oxide	75-21-8	OSHA PEL [1910.1047] ST (Table Z-1) 5 ppm
	Methanol	67-56-1	OSHA PEL TWA 200 ppm, 260 mg/m³
	Ammonia	7664-41-7	OSHA PEL TWA 50 ppm
	Ammonia	7664-41-7	OSHA PEL TWA 35 mg/m³
Australia	Methanol	67-56-1	TWA: 262 mg/m³ (200 ppm); STEL: 328 mg/m³ (250 ppm)
	2,2',2''-Nitrilotriethanol	102-71-6	TWA: 5 mg/m³
	2,2'-Iminodiethanol	111-42-2	TWA: 13 mg/m³ (3 ppm)
	Ammonia	7664-41-7	TWA: 17 mg/m³ (25 ppm); STEL: 24 mg/m³ (35 ppm)
	Ethylene oxide	75-21-8	TWA: 1.8 mg/m³ (1 ppm)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.
Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.
Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.
Wash hands before breaks and at the end of work.
Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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Appearance	Matte Liquid
Odor	Mild
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	#4 DIN - 14-18 Sec
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information

VOC Content - Part A	6 g/L (Theoretical)
VOC Content as applied	5 g/L (Theoretical)
Recommended Storage Temperature	40°F - 90°F
Recommended Shelf Life	Unopened, 3 years
Wt./Gal	8.67 lb

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

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SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Route	Result
2,2'-Iminodiethanol	oral	LD50 - Rat - ~ 1,100 mg/kg
Ethylene oxide	inhalation	LC50 - Rat - 800 ppm - 4 h
Ammonia	inhalation	LC50 - Rabbit - 2,000 ppm - 4 hr

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
2,2'-Iminodiethanol	Causes skin irritation
Ethylene oxide	Irritating to the skin.
Ammonia	Causes severe skin burns and eye damage.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
2,2'-Iminodiethanol	Causes serious eye damage
Ethylene oxide	Irritating effect on the eyes.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Species	Result
Ethylene oxide	Ethylene oxide	Suspected human carcinogen.

International Agency for Research on Cancer (IARC):

Name	Classification
2,2',2''-Nitrilotriethanol	Group 3 - Not classifiable as to its carcinogenicity to humans
2,2'-Iminodiethanol	Group 2B
Ethylene oxide	Group 1 - Carcinogenic to humans

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National Toxicology Program (NTP):

Name	Classification
Ethylene oxide	Known to be human carcinogens

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Ethylene oxide	May cause genetic defects.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
2,2'-Iminodiethanol	Component affects the liver and blood through repeated exposure.
Ethylene oxide	Component affects the respiratory system.
Methanol	Component affects the optic nerve.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

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Substance data:

Name	Result
Ammonia	LC50 - Lepomis cyanellus - 0.5 mg/L - 96 hr

Chronic (long-term) toxicity

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None

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Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

7732-18-5	Water	Listed
102-71-6	2,2',2''-Nitrilotriethanol	Listed
111-42-2	2,2'-Iminodiethanol	Listed
75-21-8	Ethylene oxide	Listed
67-56-1	Methanol	Listed
7664-41-7	Ammonia	Listed

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances:

75-21-8	Ethylene oxide	Listed
7664-41-7	Ammonia	Listed

SARA Section 313 toxic chemicals:

102-71-6	2,2',2''-Nitrilotriethanol	Not Listed
111-42-2	2,2'-Iminodiethanol	Listed
75-21-8	Ethylene oxide	Listed
67-56-1	Methanol	Not Listed
7664-41-7	Ammonia	Not Listed

CERCLA:

111-42-2	2,2'-Iminodiethanol	Listed	100 lb
75-21-8	Ethylene oxide	Listed	10 lbs.

RCRA:

75-21-8	Ethylene oxide	Listed	U115

Section 112(r) of the Clean Air Act (CAA):

75-21-8	Ethylene oxide	Listed

Massachusetts Right to Know:

102-71-6	2,2',2''-Nitrilotriethanol	Listed
111-42-2	2,2'-Iminodiethanol	Listed
75-21-8	Ethylene oxide	Listed
67-56-1	Methanol	Listed

New Jersey Right to Know:

102-71-6	2,2',2''-Nitrilotriethanol	Listed
111-42-2	2,2'-Iminodiethanol	Listed
75-21-8	Ethylene oxide	Listed
67-56-1	Methanol	Listed
7664-41-7	Ammonia	Listed

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New York Right to Know:

111-42-2	2,2'-Iminodiethanol	Listed
75-21-8	Ethylene oxide	Listed
67-56-1	Methanol	Listed

Pennsylvania Right to Know:

102-71-6	2,2',2''-Nitrilotriethanol	Listed
111-42-2	2,2'-Iminodiethanol	Listed
75-21-8	Ethylene oxide	Listed
67-56-1	Methanol	Listed
7664-41-7	Ammonia	Listed

California Proposition 65:

⚠**WARNING**: This product can expose you to 2,2'-Iminodiethanol, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

⚠**WARNING**: This product can expose you to Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial preparation date: 01.31.2018

End of Safety Data Sheet