



Material Safety Data Sheet

REMA TIP TOP

Product #'s: PR300

MSDS #: RTT-IND-020

Rev. # 2

Rev. Date: 1/15/2011

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Tip Top Metal Primer PR 300

Product Use: Primer coat

Manufacturer: REMA TIP TOP/NO. AMERICA, 119 Rockland Avenue, Northvale, NJ 07647

24-Hour Emergency Phone Number: North America: 800-424-9300 (CHEMTREC)
International: 703-527-3887 (CHEMTREC) Collect Calls Accepted

2. PRODUCT INGREDIENTS

<u>CHEMICAL NAME:</u>	<u>CAS NUMBER:</u>	<u>% RANGE:</u>	<u>OSHA PEL:</u>
Tetrachloroethylene	127-18-4	30-40	100 ppm TWA
Trichloroethylene	79-01-6	20-30	100 ppm TWA
Propylene glycol monomethyl ether	107-98-2	5-10	Not Established
Xylenes (o-, m-, p- isomers)	1330-20-7	1-5	100 ppm TWA; 435 mg/m ³ TWA
Methylisobutyl ketone	108-10-1	1-2	100 ppm TWA; 410 mg/m ³ TWA
Ethyl benzene	100-41-4	1-2	100 ppm TWA; 435 mg/m ³ TWA

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

This product is regulated under the Canadian Controlled Products Regulations.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

This product is a red liquid. Combustible liquid. Contact with this material can cause irritation to the skin, eyes and mucous membranes. Symptoms of exposure may include central nervous system depression. Harmful: may cause lung damage if swallowed. Probable cancer hazard. May cause birth defects. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

EYE: This product may cause irritation to the eyes. Symptoms may include stinging, tearing, and redness.

SKIN: This product is irritating to the skin. Prolonged and/or repeated skin contact with this product may cause irritation, defatting of skin and dermatitis. May be absorbed through the skin.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. May produce central nervous system depression. If aspirated (liquid enters the lung), the product may be rapidly absorbed through the lungs and can result in chemical pneumonitis and pulmonary edema/hemorrhage.

INHALATION: Vapors of this product may cause sever irritation or burns of the nose, throat, and respiratory tract. Inhalation of vapors can cause CNS depression including headache, nausea, dizziness and incoordination.

4. FIRST AID

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once. Continue to flush eyes while awaiting medical attention



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SKIN: For skin contact flush with large amounts of water while removing contaminated clothing. Wash affected area with mild soap and water. Seek immediate medical attention. Wash contaminated clothing before reuse.

INGESTION: Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a physician immediately.

INHALATION: If inhaled, immediately remove the affected person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician immediately.

NOTE TO PHYSICIAN: Provide general supportive measures and treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: >70°C (>158°F)

Upper Flammable Limit (UFL): Not Available

Auto Ignition: 410°C (770°F)

Method Used: Not Available

Lower Flammable Limit (LFL): Not Available

Flammability Classification: Class IIIA Combustible Liquid

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, chlorine, phosgene and hydrogen chloride gas.

EXTINGUISHING MEDIA: Alcohol-resistant foam, dry chemical, carbon dioxide, water-spray, sand.

FIRE FIGHTING INSTRUCTIONS: Combustible liquid. Burning can product toxic, irritating or flammable gases.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products. Do not allow run-off from fire fighting to enter sewers or waterways.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Stop the flow of material, if this is without risk. Block any potential routes to water systems.

CLEAN-UP PROCEDURES: Use appropriate personal protective equipment. Eliminate sources of ignition. Ventilate the contaminated area. Absorb spill with inert material. Shovel material into appropriate container for disposal. Use spark-proof tools. Wear appropriate protective equipment and clothing during clean-up.

EVACUATION PROCEDURES: Isolate area. Keep unnecessary personnel away.

SPECIAL PROCEDURES: Do not allow product to enter sewer or waterways.

7. HANDLING & STORAGE

HANDLING: Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe vapors or mists of this product. Use this product with adequate ventilation. Keep away from heat, sparks or flames. Ground fixed equipment. Bond and ground transfer containers and equipment. Wash thoroughly after handling. DO NOT eat, drink or smoke in product area.

STORAGE: Keep the container tightly closed and in a dry, cool and well-ventilated place away from sunlight and incompatible materials. Keep away from heat, sparks and sources of ignition. Do not over heat.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use product in well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Wear chemical goggles; face shield (if splashing is possible).

SKIN PROTECTION: Use impervious gloves. Use of impervious apron and boots are recommended.

RESPIRATORY PROTECTION: If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH respiratory protection must be provided

EXPOSURE GUIDELINE(s):

Component Exposure Limits

REMA TIP/TOP USA recommends that its customers minimize employee exposure. REMA therefore suggests that its customers consider adopting the lower of the current OSHA PEL or the ACGIH TLV's for the purpose of evaluating employee exposures. The TLV's recommended by the ACGIH have been updated on a continuing basis.

Tetrachloroethylene (127-18-4)

ACGIH: 25 ppm TWA
100 ppm STEL
OSHA: 100 ppm TWA
200 ppm Ceiling

Trichloroethylene (79-01-6)

ACGIH: 50 ppm TWA
100 ppm STEL
OSHA: 100 ppm TWA
200 ppm Ceiling

Propylene glycol monomethyl ether (107-98-2)

ACGIH: 100 ppm TWA
150 ppm STEL
NIOSH: 100 ppm TWA; 360 mg/m³ TWA
150 ppm STEL; 540 mg/m³ STEL

Xylenes (o-, m-, p- isomers) (1330-20-7)

ACGIH: 100 ppm TWA
150 ppm STEL
OSHA: 100 ppm TWA; 435 mg/m³ TWA

Methylisobutyl ketone (108-10-1)

ACGIH: 50 ppm TWA
75 ppm STEL
OSHA: 100 ppm TWA; 410 mg/m³ TWA
NIOSH: 50 ppm TWA; 205 mg/m³ TWA
75 ppm STEL; 300 mg/m³ STEL

Ethyl benzene (100-41-4)

ACGIH: 100 ppm TWA
125 ppm STEL
OSHA: 100 ppm TWA; 435 mg/m³ TWA



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NIOSH: 100 ppm TWA; 435 mg/m³ TWA
125 ppm STEL; 545 mg/m³ STEL

Component Exposure Limits - Canada

The following Provincial Exposure Limits apply for this product's components.

Tetrachloroethylene (127-18-4)

Alberta: 25 ppm TWA; 170 mg/m³ TWA
100 ppm STEL; 678 mg/m³ STEL

British Columbia: 25 ppm TWA
100 ppm STEL

Manitoba: 50 ppm TWA; 335 mg/m³ TWA
200 ppm STEL; 1340 mg/m³ STEL

New Brunswick: 25 ppm TWA; 170 mg/m³ TWA
100 ppm STEL; 685 mg/m³ STEL

NW Territories: 100 ppm TWA; 678 mg/m³ TWA
150 ppm STEL; 1017 mg/m³ STEL

Nova Scotia: 25 ppm TWA
100 ppm STEL

Nunavut: 100 ppm TWA; 678 mg/m³ TWA
150 ppm STEL; 1017 mg/m³ STEL

Ontario: 25 ppm TWAEV
100 ppm STEV

Quebec: 50 ppm TWAEV; 339 mg/m³ TWAEV
200 ppm STEV; 1357 mg/m³ STEV

Saskatchewan: 170 mg/m³ TWA; 25 ppm TWA
685 mg/m³ STEL; 100 ppm STEL

Yukon: 100 ppm TWA; 670 mg/m³ TWA
150 ppm STEL; 1000 mg/m³ STEL

Trichloroethylene (79-01-6)

Alberta: 50 ppm TWA; 269 mg/m³ TWA
100 ppm STEL; 537 mg/m³ STEL

British Columbia: 50 ppm TWA
100 ppm STEL

Manitoba: 50 ppm TWA; 270 mg/m³ TWA
200 ppm STEL; 1080 mg/m³ STEL

New Brunswick: 50 ppm TWA; 269 mg/m³ TWA
100 ppm STEL; 537 mg/m³ STEL

NW Territories: 100 ppm TWA; 537 mg/m³ TWA
150 ppm STEL; 806 mg/m³ STEL

Nova Scotia: 50 ppm TWA
100 ppm STEL

Nunavut: 100 ppm TWA; 537 mg/m³ TWA
150 ppm STEL; 806 mg/m³ STEL

Ontario: 50 ppm TWAEV
100 ppm STEV

Quebec: 50 ppm TWAEV; 269 mg/m³ TWAEV
200 ppm STEV; 1070 mg/m³ STEV

Saskatchewan: 269 mg/m³ TWA; 50 ppm TWA
537 mg/m³ STEL; 100 ppm STEL



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Yukon: 100 ppm TWA; 535 mg/m³ TWA
150 ppm STEL; 800 mg/m³ STEL

Propylene glycol monomethyl ether (107-98-2)

Alberta: 100 ppm TWA; 369 mg/m³ TWA
150 ppm STEL; 553 mg/m³ STEL

British Columbia: 50 ppm TWA
75 ppm STEL

Manitoba: 100 ppm TWA; 360 mg/m³ TWA
150 ppm STEL; 540 mg/m³ STEL

New Brunswick: 100 ppm TWA; 369 mg/m³ TWA
150 ppm STEL; 553 mg/m³ STEL

NW Territories: 100 ppm TWA; 360 mg/m³ TWA
150 ppm STEL; 540 mg/m³ STEL

Nova Scotia: 100 ppm TWA
150 ppm STEL

Nunavut: 100 ppm TWA; 360 mg/m³ TWA
150 ppm STEL; 540 mg/m³ STEL

Ontario: 100 ppm TWAEV; 365 mg/m³ TWAEV
150 ppm STEV; 550 mg/m³ STEV

Quebec: 100 ppm TWAEV; 369 mg/m³ TWAEV
150 ppm STEV; 553 mg/m³ STEV

Saskatchewan: 369 mg/m³ TWA; 100 ppm TWA
553 mg/m³ STEL; 150 ppm STEL

Yukon: 100 ppm TWA; 360 mg/m³ TWA
150 ppm STEL; 450 mg/m³ STEL

Xylenes (o-, m-, p- isomers) (1330-20-7)

Alberta: 100 ppm TWA; 434 mg/m³ TWA
150 ppm STEL; 651 mg/m³ STEL

British Columbia: 100 ppm TWA
150 ppm STEL

Manitoba: 100 ppm TWA; 435 mg/m³ TWA
150 ppm STEL; 655 mg/m³ STEL

New Brunswick: 100 ppm TWA; 434 mg/m³ TWA
150 ppm STEL; 651 mg/m³ STEL

NW Territories: 100 ppm TWA; 434 mg/m³ TWA
150 ppm STEL; 652 mg/m³ STEL

Nova Scotia: 100 ppm TWA
150 ppm STEL

Nunavut: 100 ppm TWA; 434 mg/m³ TWA
150 ppm STEL; 652 mg/m³ STEL

Ontario: 100 ppm TWAEV; 435 mg/m³ TWAEV
150 ppm STEV; 650 mg/m³ STEV

Quebec: 100 ppm TWAEV; 434 mg/m³ TWAEV
150 ppm STEV; 651 mg/m³ STEV

Saskatchewan: 434 mg/m³ TWA; 100 ppm TWA
651 mg/m³ STEL; 150 ppm STEL

Yukon: 100 ppm TWA; 435 mg/m³ TWA



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	150 ppm STEL; 650 mg/m ³ STEL
Methylisobutyl ketone (108-10-1)	
Alberta:	50 ppm TWA; 205 mg/m ³ TWA 75 ppm STEL; 307 mg/m ³ STEL
British Columbia:	50 ppm TWA 75 ppm STEL
Manitoba:	50 ppm TWA; 205 mg/m ³ TWA 75 ppm STEL; 300 mg/m ³ STEL
New Brunswick:	50 ppm TWA; 205 mg/m ³ TWA 75 ppm STEL; 307 mg/m ³ STEL
NW Territories:	50 ppm TWA; 205 mg/m ³ TWA 75 ppm STEL; 300 mg/m ³ STEL
Nova Scotia:	50 ppm TWA 75 ppm STEL
Nunavut:	50 ppm TWA; 205 mg/m ³ TWA 75 ppm STEL; 300 mg/m ³ STEL
Ontario:	50 ppm TWAEV; 205 mg/m ³ TWAEV 75 ppm STEV
Quebec:	50 ppm TWAEV; 205 mg/m ³ TWAEV 75 ppm STEV; 310 mg/m ³ STEV
Saskatchewan:	205 mg/m ³ TWA; 50 ppm TWA 307 mg/m ³ STEL; 75 ppm STEL
Yukon:	100 ppm TWA; 410 mg/m ³ TWA 125 ppm STEL; 510 mg/m ³ STEL
Ethyl benzene (100-41-4)	
Alberta:	100 ppm TWA; 434 mg/m ³ TWA 125 ppm STEL; 543 mg/m ³ STEL
British Columbia:	100 ppm TWA 125 ppm STEL
Manitoba:	100 ppm TWA; 435 mg/m ³ TWA 125 ppm STEL; 545 mg/m ³ STEL
New Brunswick:	100 ppm TWA; 434 mg/m ³ TWA 125 ppm STEL; 543 mg/m ³ STEL
NW Territories:	100 ppm TWA; 434 mg/m ³ TWA 125 ppm STEL; 542 mg/m ³ STEL
Nova Scotia:	100 ppm TWA 125 ppm STEL
Nunavut:	100 ppm TWA; 434 mg/m ³ TWA 125 ppm STEL; 542 mg/m ³ STEL
Ontario:	100 ppm TWAEV; 435 mg/m ³ TWAEV 125 ppm STEV; 540 mg/m ³ STEV
Quebec:	100 ppm TWAEV; 434 mg/m ³ TWAEV 125 ppm STEV; 543 mg/m ³ STEV
Saskatchewan:	435 mg/m ³ TWA; 100 ppm TWA 543 mg/m ³ STEL; 125 ppm STEL
Yukon:	100 ppm TWA; 435 mg/m ³ TWA 125 ppm STEL; 545 mg/m ³ STEL



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9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Red liquid

ODOR: Sweet **ODOR THRESHOLD:** Not Available

BOILING POINT: >86°C (>186.8°F)

SOLUBILITY IN WATER: Insoluble @ 20°C (68°F)

SPECIFIC GRAVITY: 1.45 g/ml

VAPOR PRESSURE: 77 mbar @ 20°C (68°F)

% VOLATILE: <80%

10. STABILITY & REACTIVITY

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid strong acids, bases, alkaline metals, alkaline earth metals, aluminum powder and oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, chlorine, phosgene and hydrogen chloride gas.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Contact with this material can cause irritation to the skin, eyes and mucous membranes. Symptoms of exposure may include central nervous system depression. Harmful: may cause lung damage if swallowed. May be absorbed through the skin.

CHRONIC TOXICITY

Trichloroethylene chronic exposures may cause liver, kidney, central nervous system, and peripheral nervous system effects. Workers chronically exposed may exhibit central nervous system depression, intolerance to alcohol, and increased cardiac output. This material is linked to mutagenic effects in humans.

Tetrachloroethylene may cause liver, kidney or central nervous system damage after repeated or prolonged exposures.

Ethyl benzene has caused birth defects, affected fertility and been fetotoxic below the TLV in animals.

Xylene is an unconfirmed human reproductive hazard due to reports of xylene being linked to birth defects and menstrual disturbances.

CARCINOGENICITY

Tetrachloroethylene, ethyl benzene and trichloroethylene are suspect carcinogens based upon animal data.

Component Carcinogenicity



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Tetrachloroethylene (127-18-4)

ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans
NIOSH: potential occupational carcinogen
NTP: Reasonably Anticipated To Be A Carcinogen (Possible Select Carcinogen)
IARC: Monograph 63, 1995; Supplement 7, 1987 (Group 2A (probably carcinogenic to humans))

Trichloroethylene (79-01-6)

ACGIH: A5 - Not Suspected as a Human Carcinogen
NIOSH: potential occupational carcinogen
NTP: Reasonably Anticipated To Be A Carcinogen (Possible Select Carcinogen)
IARC: Monograph 63, 1995; Supplement 7, 1987 (Group 2A (probably carcinogenic to humans))

Xylenes (o-, m-, p- isomers) (1330-20-7)

ACGIH: A4 - Not Classifiable as a Human Carcinogen
IARC: Monograph 71, 1999; Monograph 47, 1989 (Group 3 (not classifiable))

Ethyl benzene (100-41-4)

ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans
IARC: Monograph 77, 2000 (Group 2B (possibly carcinogenic to humans))

12. ECOLOGICAL INFORMATION

Components are harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Component Analysis - Ecotoxicity - Aquatic Toxicity

Tetrachloroethylene (127-18-4)

Test & Species

96 Hr LC50 Oncorhynchus mykiss	5.28 mg/L [static]
96 Hr LC50 Pimephales promelas	13.4 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	12.9 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	4.99 mg/L [flow-through]
96 Hr EC50 Selenastrum capricornutum	>816 mg/L
30 min EC50 Photobacterium phosphoreum	120.0 mg/L
24 Hr EC50 Nitrosomonas	112 mg/L
24 Hr EC50 Tetrahymena pyriformis	100 mg/L
48 Hr EC50 Daphnia magna	7.49 mg/L

Conditions

12 C

Trichloroethylene (79-01-6)

Test & Species

96 Hr LC50 Pimephales promelas	40.7 mg/L [flow-through]
96 Hr LC50 Brachydanio rerio	60 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	45 mg/L [static]
96 Hr EC50 Scenedesmus subspicatus	450 mg/L
5 min EC50 Photobacterium phosphoreum	975 mg/L
10 min EC50 Photobacterium phosphoreum	115 mg/L
15 min EC50 Photobacterium phosphoreum	190 mg/L
24 Hr EC50 Tetrahymena pyriformis	410 mg/L
24 Hr EC50 Bacillus subtilis	235 mg/L

Conditions



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24 Hr EC50 Nitrosomonas 0.81 mg/L
48 Hr EC50 Daphnia magna 2.2 mg/L

Propylene glycol monomethyl ether (107-98-2)

Test & Species

96 Hr LC50 Oncorhynchus mykiss 19202 mg/L
96 Hr LC50 Pimephales promelas 15886 mg/L
96 Hr LC50 Lepomis macrochirus 21742 mg/L
96 Hr LC50 Leuciscus idus 4600-10000 mg/L [static]
96 Hr EC50 water flea 10457 mg/L

Conditions

Xylenes (o-, m-, p- isomers) (1330-20-7)

Test & Species

96 Hr LC50 Pimephales promelas 13.4 mg/L [flow-through]
96 Hr LC50 Oncorhynchus mykiss 8.05 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus 16.1 mg/L [flow-through]
96 Hr LC50 Pimephales promelas 26.7 mg/L [static]
24 hr EC50 Photobacterium phosphoreum 0.0084 mg/L
48 Hr EC50 water flea 3.82 mg/L
48 Hr LC50 Gammarus lacustris 0.6 mg/L

Conditions

Methylisobutyl ketone (108-10-1)

Test & Species

96 Hr LC50 Pimephales promelas 505 mg/L [flow-through]
96 Hr EC50 Selenastrum capricornutum 400 mg/L
5 min EC50 Photobacterium phosphoreum 79.6 mg/L
24 Hr EC50 water flea 4280.0 mg/L
48 Hr EC50 Daphnia magna 170 mg/L

Conditions

Ethyl benzene (100-41-4)

Test & Species

96 Hr LC50 Oncorhynchus mykiss 14.0 mg/L [static]
96 Hr LC50 Pimephales promelas 9.09 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus 150.0 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss 4.2 mg/L [static]
96 Hr LC50 Lepomis macrochirus 32 mg/L [static]
96 Hr LC50 Pimephales promelas 48.5 mg/L [static]
96 Hr LC50 Poecilia reticulata 9.6 mg/L [static]
72 Hr EC50 Selenastrum capricornutum 4.6 mg/L
96 Hr EC50 Selenastrum capricornutum >438 mg/L
30 min EC50 Photobacterium phosphoreum 9.68 mg/L
24 Hr EC50 Nitrosomonas 96 mg/L
48 Hr EC50 Daphnia magna 1.8-2.4 mg/L

Conditions

13. DISPOSAL CONSIDERATIONS



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DISPOSAL: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

UNUSED & UNCONTAMINATED PRODUCT:

Component Waste Numbers

Tetrachloroethylene (127-18-4)

RCRA: waste number U210
0.7 mg/L regulatory level

Trichloroethylene (79-01-6)

RCRA: waste number U228
0.5 mg/L regulatory level

Xylenes (o-, m-, p- isomers) (1330-20-7)

RCRA: waste number U239 (Ignitable waste, Toxic waste)

Methylisobutyl ketone (108-10-1)

RCRA: waste number U161 (Ignitable waste)

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

14. TRANSPORT INFORMATION

US DOT Information

Shipping Name: Toxic liquids, organic, n.o.s. (Contains: Tetrachloroethylene, Trichloroethylene)

UN/NA #: UN2810 **Hazard Class:** 6.1 **Packing Group:** III

Required Label(s): POISON

Additional Info.: PLACARD (WHEN REQUIRED): POISON, 6

EXCEPTIONS: DOT Paragraphs 173.153, 713.203 & 173.241.

ALTERNATE SHIPPING ARRANGEMENTS: Based on package or shipping container size, this product may be shipped as a, "Limited Quantity".

TDG Information

Shipping Name: Toxic liquid, organic, n.o.s. (Contains: Tetrachloroethylene, Trichloroethylene)

UN/NA #: UN2810 **Hazard Class:** 6.1 **Packing Group:** III

Required Label(s): POISON

IMDG Information

Additional Info.: F-A, S-A

IATA Information

Additional Info.: 6.1



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15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

SARA 313 INFORMATION:

Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 313 (40 CFR 372.65).

Tetrachloroethylene (127-18-4)

SARA 313: 0.1 % de minimis concentration

Trichloroethylene (79-01-6)

SARA 313: 0.1 % de minimis concentration

Xylenes (o-, m-, p- isomers) (1330-20-7)

SARA 313: 1.0 % de minimis concentration

Methylisobutyl ketone (108-10-1)

SARA 313: 1.0 % de minimis concentration

Ethyl benzene (100-41-4)

SARA 313: 0.1 % de minimis concentration

SARA HAZARD CATEGORY:

Acute Health: Yes Chronic Health: Yes Fire: Yes Pressure: No Reactive: No

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA):

Component Analysis

This material contains one or more of the following chemicals required to be identified under CERCLA (40 CFR 302.4).

Tetrachloroethylene (127-18-4)

CERCLA: 100 lb final RQ; 45.4 kg final RQ

Trichloroethylene (79-01-6)

CERCLA: 100 lb final RQ; 45.4 kg final RQ

Xylenes (o-, m-, p- isomers) (1330-20-7)

CERCLA: 100 lb final RQ; 45.4 kg final RQ

Methylisobutyl ketone (108-10-1)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

Ethyl benzene (100-41-4)

CERCLA: 1000 lb final RQ; 454 kg final RQ

TOXIC SUBSTANCES CONTROL ACT (TSCA): Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Tetrachloroethylene	127-18-4	Yes	DSL	EINECS
Trichloroethylene	79-01-6	Yes	DSL	EINECS
Propylene glycol monomethyl ether	107-98-2	Yes	DSL	EINECS
Xylenes (o-, m-, p- isomers)	1330-20-7	Yes	DSL	EINECS
Methylisobutyl ketone	108-10-1	Yes	DSL	EINECS
Ethyl benzene	100-41-4	Yes	DSL	EINECS



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STATE RIGHT-TO-KNOW:

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Tetrachloroethylene	127-18-4	Yes	Yes	Yes	Yes	Yes	Yes
Trichloroethylene	79-01-6	Yes	Yes	Yes	Yes	Yes	Yes
Propylene glycol monomethyl ether	107-98-2	Yes	Yes	Yes	Yes	Yes	Yes
Xylenes (o-, m-, p- isomers)	1330-20-7	Yes	Yes	Yes	Yes	Yes	Yes
Methylisobutyl ketone	108-10-1	Yes	Yes	Yes	Yes	Yes	Yes
Ethyl benzene	100-41-4	Yes	Yes	Yes	Yes	Yes	Yes

Other state regulations may apply. Check individual state requirements.

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

CANADIAN REGULATIONS

This product is regulated under the Canadian Controlled Products Regulations.

WHMIS INFORMATION:

WHMIS Classification:

B3- Combustible Liquid

D2A- Chronic toxic effects

D2B- Irritating to eyes and skin

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Tetrachloroethylene	127-18-4	1 %
Trichloroethylene	79-01-6	1 %
Propylene glycol monomethyl ether	107-98-2	1 %
Methylisobutyl ketone	108-10-1	1 %
Ethyl benzene	100-41-4	0.1 %



Material Safety Data Sheet

REMA TIP TOP

Product #'s: PR300

MSDS #: RTT-IND-020

Rev. # 2

Rev. Date: 1/15/2011

EUROPE:

Component Analysis

Component (CAS#)	EC #
Tetrachloroethylene (127-18-4)	204-825-9
Trichloroethylene (79-01-6)	201-167-4
Propylene glycol monomethyl ether (107-98-2)	203-539-1
Xylenes (o-, m-, p- isomers) (1330-20-7)	215-535-7
Methylisobutyl ketone (108-10-1)	203-550-1
Ethyl benzene (100-41-4)	202-849-4

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

NFPA Ratings: Health: 3 Fire: 2 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

MEDICAL EMERGENCIES:

Call CHEMTREC 24 hours a
Day for emergency information
800-424-9300

FOR ANY OTHER INFORMATION:

REMA TIP TOP/NO. AMERICA
119 Rockland Ave.
NORTHVALE, NJ 07647
201-768-8100

NOTICE: REMA TIP/TOP USA believes that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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