



**RPD is an
authorized distributor**

**Radiation Products Design, Inc
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RPD Product Information

Item Number Description

RT-1100	Ivory, Contour Tubes, 4.8mm Dia. x 3 ft
RT-1101	Ivory, Contour Tubes, 4.8mm Dia. x 2 ft.
RT-1102	Ivory, Contour Tubes, 6.4mm Dia. x 2 ft.
RT-1106	Ivory, Contour Tubes, 4.8mm Dia. x 6 ft.
RT-1107	Ivory, Contour Tubes, 6.4mm Dia. x 6 ft.
RT-1422	Ivory, Ultra Thin, 5.5" x 12" x 14 mils - Solid
RT-1424	Ivory, Ultra Thin, 5.5" x 24" x 15 mils - Solid
RT-1450EB	Elec Blue, 1.6mm in Improved Disp. U-Frame-Perforated
RT-1450HP	Hot Pink, 1.6mm, in Improved Disp U-Frame-Perforated
RT-1460EB	Elec. Blue 3.2mm in Improved Disp. U-Frame-Perforated
RT-1460HP	Hot Pink 3.2mm in Improved Disp U-Frame - Perforated
RT-1490EB	Elec Blue 3.2mm 9"x10" sheet (prepunch U-frame)-Pref.
RT-1490HP	Hot Pink, 3.2mm, 9x10" Sheet (Pre-Punched for U-frame)
RT-1492EB	Electric Blue, 3.2mm, 18"x24" sheet - perforated
RT-1492HP	Hot Pink, 3.2mm, 18"x24" sheet - perforated
RT-1498EB	Electric Blue, 3.2mm 9x12" Sheet (Pre-punched U-frame)
RT-1498HP	Hot Pink, 3.2mm 9"x12" Sheet (Pre-punched for U-frame)
RT-1622	Ivory, 1.6mm 18"x24" sheet - Solid
RT-1679	Ivory, 1.6mm Improved Disposable U-frame - Perforated
RT-1679S	Ivory, 1.6mm Slimline Disposable U-Frame/Perforated
RT-1681	Ivory, 1.6mm 9"x10" sheet - Perforated
RT-1681P	Ivory, 1.6mm 9" x 10" Sheet (Pre-Punched) Perforated
RT-1683	Ivory, 1.6mm 12"x18" sheet - Perforated
RT-1683P	Ivory, 1.6mm 12"x18" sheet (pre-punched on 12" side)
RT-1684	Ivory, 1.6mm 9"x12" sheet - Perforated
RT-1684H	Ivory, 1.6mm 9"x12" sheet (pre-punched on 12" side)
RT-1684P	Ivory, 1.6mm, 9" x 12" Sheet (Pre-Punched) Perforated
RT-1687	Ivory, 1.6mm 12"x12" sheet - Perforated
RT-1687P	Ivory, 1.6mm 12"x12" sheet (pre-punched for breast)
RT-1721P	Ivory, 2.4, Sheet-Solid (prepunch & size for Med-Tec)
RT-1722	Ivory, 2.4mm, 18" x 24" Sheet - Solid
RT-1722P18	Ivory, 2.4mm, 18" x 24" Sheet (Pre-Punched) - Solid
RT-1722P24	Ivory, 2.4mm, 18" x 24" Sheet (Pre-Punched) - Solid
RT-1724	Ivory, 2.4mm, 24" x 36" Sheet - Solid

RT-1724P24	Ivory, 2.4mm, 24" x 36" Sheet (Pre-Punched) - Solid
RT-1779	Ivory, 2.4mm Improved Disposable U-frame - Perforated
RT-1779S	Ivory, 2.4mm Slimline Disposable U-Frame - Perforated
RT-1779X	Ivory, 2.4mm Improved Disposable U-frame - Extended 2"
RT-1781	Ivory, 2.4mm 9"x10" sheet - Perforated
RT-1781P	Ivory, 2.4mm 9" x 10" Sheet (Pre-Punched) Perforated
RT-1782	Ivory, 2.4mm, 18" x 24" Sheet - Perforated
RT-1782P18	Ivory, 2.4mm, 18" x 24" Sheet (Pre-Punched)-Perforated
RT-1782P24	Ivory, 2.4mm, 18" x 24" Sheet (Pre-Punched)-Perforated
RT-1783	Ivory, 2.4mm 12"x18" sheet - Perforated
RT-1783P	Ivory, 2.4mm 12"x18" sheet (pre-punched on 12" side)
RT-1784	Ivory, 2.4mm, 24" x 36" Sheet - Perforated
RT-1784P24	Ivory, 2.4mm, 24" x 36" Sheet (Pre-Punched)-Perforated
RT-1785	Ivory, 2.4mm 12"x12" sheet - Perforated
RT-1785P	Ivory, 2.4mm 12"x12" sheet (pre-punched for breast)
RT-1788	Ivory, 2.4mm 9"x12" sheet - Perforated
RT-1788H	Ivory, 2.4mm 9"x12" sheet (pre-punched)
RT-1788P	Ivory, 2.4mm, 9" x 12" Sheet (Pre-Punched) Perforated
RT-1822	Ivory, 3.2mm, 18" x 24" Sheet - Solid
RT-1822P18	Ivory, 3.2mm, 18" x 24" Sheet (Pre-Punched) Perforated
RT-1822P24	Ivory, 3.2mm, 18" x 24" Sheet (Pre-Punched) Perforated
RT-1824	Ivory, 3.2mm, 24" x 36" Sheet - Solid
RT-1824P24	Ivory, 3.2mm, 24" x 36" Sheet (Pre-Punched) -Solid
RT-1839	Ivory, 3.2mm, Solid Strips, 1.5" x 24" Strips Pkg/36
RT-1842	Ivory, 3.2mm 18"x24" sheet - LS - Solid
RT-1878S	Ivory, 3.2 mm ,9" x 18" perforated, punched for Med-Tec
RT-1879	Ivory, 3.2mm Improved Disposable U-frame LS Perforated
RT-1882	Ivory, 3.2mm, 18" x 24" Sheet (Less Stretch) Perforated
RT-1884	Ivory, 3.2mm, 24" x 36" Sheet (Less Stretch) Perforated
RT-1889	Ivory, 3.2mm Improved Disposable U-frame - Perforated
RT-1889S	Slimline frame-Ivory, 3.2mm Improved Disposable U-frame
RT-1889SX	Slimline Frame-Ivory, 3.2mm Improved Disp. U-frame Ext.
RT-1889X	Ivory, 3.2mm Improved Disposable U-frame Extended 2"
RT-1891	Ivory, 3.2mm 9"x10" sheet - Perforated
RT-1891P	Ivory, 3.2mm 9" x 10" Sheet (Pre-Punched) Perforated
RT-1892	Ivory, 3.2mm 18"x24" sheet - Perforated
RT-1894	Ivory, 3.2mm 12"x18" sheet - Perforated
RT-1894P	Ivory, 3.2mm 12"x18" sheet (pre-punched on 12" side)
RT-1895P	Ivory, 3.2mm 12"x12" sheet (pre-punched for breast) Pe
RT-1896	Ivory, 3.2mm 24"x36" sheet - Perforated
RT-1898	Ivory, 3.2mm, 9" x 12" sheet - Perforated
RT-1898H	Ivory, 3.2mm 9"x12" sheet (pre-punched on 12" side)
RT-1898P	Ivory, 3.2mm, 9" x 12" Sheet (Pre-Punched) Perforated
RT-1989	Ivory, 4.8mm Improved Disposable U-frame Perforated
RT-1989S	Ivory, 4.8 mm Slimline Disp U-Frame/Perforated
RT-1991	Ivory, 4.8mm 9"x10" sheet - Perforated
RT-1991P	Ivory, 4.8mm, 9" x 10" Sheet (Pre-Punched) Perforated
RT-1992	Ivory, 4.8mm 18"x24" sheet - Perforated
RT-1998	Ivory, 4.8mm 9"x12" sheet - Perforated
RT-1998P	Ivory, 4.8mm, 9" x 12" Sheet (Pre-Punched) Perforated
RT-7001	+ Adapt-IT Thermoplastic Pellets, 1 lb. Bag
RT-7003	+ Adapt-It Thermoplastic Pellets, 3 lb. Tub



WFR/AQUAPLAST CORPORATION
30 LAWLINS PARK • WYCKOFF, NJ 07481-1443 USA
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Material Safety Data Sheet

1. Product and Supplier identification

Product Name Aquaplast RT™ Thermoplastic (Sheets, Tubes and Pellets)
Chemical Name 2-Oxepanone, polymer with 1,4-butanediol
Synonyms Caprolactone, 1,4-butanediol polymer epsilon-Caprolactone, 1,4-butanediol polyester
Manufacturer WFR/Aquaplast Corporation
30 Lawlins Park, Wyckoff NJ 07481 USA
Office 201-891-1042 Emergency 201-825-4570
Effective date 06/13/02

NOT VALID TWO YEARS AFTER EFFECTIVE DATE OR AFTER ISSUANCE OF SUPERSEDING MSDS, WHICHEVER IS EARLIER

2. Composition/Information on Ingredients

Components	Formula	CAS No.	Percent
2-Oxepanone, polyer with 1,4-butanediol	(C6 H10 O2 (C4 H10 O2)x	31831-53-5	>99

3. Hazards Identification

Potential Health Effects: Decomposition gasses when burned may be irritating to the eyes and skin

4. First Aid Measures

Eye Contact: Hold eyelids open and flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms develop

Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if symptoms develop. Molten RT™ Thermoplastic can burn skin.

5. Fire Fighting Measures

Flash Point	Cleveland Open Cup / ASTM D92 527 °F (275 °C)
Flammability	No data
Auto – Flammability	No data
Danger of Explosion	Non-explosive
Oxidizing Properties	Non-oxidizer
Common extinguishing methods	Water, water spray Foam CO ₂
Inappropriate extinguishing methods	No restrictions
Protective measures in case of intervention	Evacuate all non-essential personnel Intervention only by capable personnel who are trained and aware of the hazards of the product. Wear self-contained breathing apparatus when in close proximity or in confined spaces.
Other precautions	If safe to do so, remove exposed Protoplast or cool with large quantities of water.

6. Accidental Release Measures

Precautions: Not applicable

7. Handling and Storage

Handling: No special precautions necessary

Storage: Keep in original packaging in a cool dry location, away from exposure to direct sunlight.

8. Exposure Controls This material does not have exposure limits.

9. Physical and Chemical Properties

Appearance: White to ivory sheet, pellet, or tube
Odor: Odorless
PR: Not applicable
Molecular Weight: 50,000

10. Stability and Reactivity

Vapor Pressure:	Not determined
Vapor Density: (air=1)	Not determined
Boiling Point:	Not determined
Specific Gravity:	1.1 at 140 -F (60 -C)
Solubility in water:	Insoluble
Partition Coefficient: (n-octanol/water):	Not determined
Decomposition Temperature:	Not determined
Chemical Stability:	Stable
Conditions to avoid:	High temperature and humidity
Materials to avoid:	Acids and alkali
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide when burned
Hazardous polymerization:	Will not occur

11. Toxicological Information

Eye effects:	No data
Skin effects:	No data
Acute oral effects:	No data
Acute inhalation effects:	No data

12. Ecological Information

Acute ecotoxicity:	No data
Chronic ecotoxicity:	No data
Abiotic degradation:	No data
Potential for bioaccumulation:	No data

13. Disposal Consideration

Waste disposal method: RT™ Thermoplastic is not considered hazardous waste under Federal Hazardous Waste Regulations (40CFR 26 I). Please be advised, however, that federal laws may change and that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult current federal, state and local regulations regarding the proper disposal of this material and its empty containers.

14. Transportation Information

D.O.T. Proper Shipping Name: Not regulated
UN Number Not applicable
Hazard Class: Not applicable
Label(s): Not applicable
Packing group: Not applicable

15. Regulatory Information

TSCA Inventory List: No

CERCLA Hazardous Substance (40 CFR Part 302)

Listed substance No

Unlisted substance No

SARA, Title M, Sections 302/303

(40 CFR Part 370 - Hazardous Chemical Reporting: Community Right-To-Know)

Hazard category: None

Threshold planning quantity None

VVHMS Classification: Not a controlled product

Canadian Domestic Substances List: No

16. Other Information

HMIS Rating:

Health - 0

Flammability - I

Reactivity - 0

PPE - Required

NFPA Rating:

Health - 0

Flammability - I

Reactivity - 0

Reason for issue: New Trade Name

Supersedes: MSDS dated March 24, 2000