Ice Creme M™

RADTECH
WWW.RADTECH.US

Not for use on eyeglasses, bare LCD's or anodized surfaces. Shake the bottles thoroughly before and during use.

Thoroughly clean the surfaces to be polished with a clean Optex cloth. When soiled, the included Optex cloths can be hand washed with liquid soap. Rinse well and squeeze out excess water - the cloths can be used while damp. Cleaning the cloths immediately when finished using them is much easier than cleaning once the compounds have dried.

Use care when working around iPod click wheels - avoid applying excessive pressure to this mechanism. Polishing compound can be removed from joints and crevices using a strip of paper to probe and clean these areas. A q-tip style applicator works well for polishing / cleaning within tight spots, and around iPod click wheels. A water-dampened Optex cloth works well for wiping down and removing compound from seams and crevices.

1. Select a clean, well-lit work area and use a soft cloth or towel to protect the polished parts and work surface
   Place plastic items to be polished face up on the protected work surface. Fold the Optex polishing cloth in eighths (fold in half 3 times) and rotate often to reveal a clean section throughout step 2.

2. **Deep Scratch / Abrasion removal:**
   Apply a pea-sized amount of the A compound to the surface to be polished. Using moderate pressure, polish using back and forth strokes across the obvious scratches and/or surface abrasions until the compound evaporates. Avoid forcing the compound into openings or crevices on the item being polished. A q-tip style applicator works well for polishing in tight spots, and around iPod click wheels.

   Repeat applications of the A compound until all significant scratches and surface defects are gone. Typical iPod scratching requires approximately 20-60 minutes of polishing with A. An iBook typically requires 1-3 hours. Each application and mechanical polish with A removes more damage. Continue until surface is smooth, and only very light swirl marks remain. If any scratches or defects remain, continue polishing until they are removed.

3. **Restoring surface gloss - removing light swirl marks:**
   Once the significant defects have been removed, rotate to a clean section of a polishing cloth and give the entire surface 2-3 applications / light-pressure polishings with A - keep using the same section of the cloth so that a significant build-up of the compound coats a section of the cloth - this is very important as the waxy coating of the A compound is used to remove fine swirl marks on softer plastics.

   3A. **For Polycarbonate surfaces:** iPod nano and 5th generation (video), or any surface where hard to remove faint swirling remains after polishing. The A polish starts as an abrasive, and then quickly breaks down to form a polishing 'rouge' which will coat the polishing cloth. This rouge will lap the surface and remove faint swirl marks. Ensure that a fair amount of rouge has been deposited on the cloth so that you're polishing with it. Work quickly and do not allow the compound to dry on the cloth - if compound dries, repeat step 3.

   Experiment by varying your pressure with the rouge-impregnated cloth - examine the surface periodically to see what pressure and style works best. 1-2 minutes of light polishing with the rouge covered cloth should be sufficient to eliminate light swirling. If necessary, apply a very small amount of A to re-wet the surface. Position yourself or your light source so that the surface being polished is adequately illuminated.
   Finally, briskly buff the surface with a water-dampened Optex cloth for 1-2 min. to mirror gloss the surface.

   3B. **For Acrylic surfaces:** iPod: 1st - 4th generation, most cell phones, PDA screens, lamp bezels, watch crystals, etc. If unable to achieve a high-gloss finish with step 3A, shake and dispense a drop of B onto the surface and polish with light pressure in circular motions. After 2 applications, visually check the surface - repeat as needed.

Bright metal:

Lightly Damaged: To remove light scratching, staining and marking, polish using the A Compound using firm back and forth pressure - finish by polishing in circular motions using light pressure - buff with a clean, dry cloth.

Severe Damaged: PLEASE NOTE: It is recommended that only severe damage - scratches, abrasions, etc. be repaired as outlined below. Faint scratching of the bright iPod back pans occurs very easily - trying to chase light scratches away numerous times using these methods will result in accelerated thinning of the bright plating. Faint swirling may remain after removing damaged areas, but the overall appearance will be significantly improved. If faint swirling is unacceptable to you, please stop and contact RadTech to arrange to return the kit - email: support@radtech.us to arrange a return. The blue refinishing pad is used for resurfacing damaged areas of plated metal. This pad should never be sharply creased, and should be washed when soiled using warm water and liquid soap. Use your fingers to scrub the surface with liquid soap - rinse well and pat off excess water with a clean, absorbent towel. Allow the pad to dry after washing and before use. The pad will easily refinish several iPods.

Begin by grasping the pad so that your index finger is on the printed side, at a corner. Lightly rub the rough side of the pad across deep scratches and abrasions. Work one scratch or abrasion at a time - continue lightly rubbing until the blemish is eliminated, and only faint abrasive lines remain. 10-20 minutes is typical working time for a 3 cm scratch. Once the damaged areas have been polished away, place the pad on a flat surface, like a tabletop, non-printed side up.
Holding the iPod by the sides, rub the metal back pan across the pad surface using moderate to firm pressure. Check the appearance every 30 strokes - continue rubbing across the pad until an even sheen is achieved on the metal surface. Rock the iPod a few degrees when rubbing to ensure edge to edge polishing as some iPod back pans are slightly convex. Edges are polished by rotating the iPod so the edge to be polished is down against the pad. Slide the iPods edge lengthwise across the pad until damage is removed.

Once an even sheen is achieved, rub the iPod on the pad using a circular motion - start with firm pressure, and gradually lighten up - visually inspect the surface frequently to verify your progress. Once the surface looks good (the longer you polish, the better the appearance will become) clean the back and apply a pea-sized amount of the A compound directly to the bright surface - polish the entire back pan with a clean cloth using circular motions. Wipe clean and visually inspect periodically until the desired surface finish is obtained. Clean all cloths immediately when finished.

Ice Creme
VISUAL INSTRUX

Acrylic & Polycarbonate Restoration

RADTECH

Prepare Your Workspace: Select a well-lit work area - Use a soft cloth to protect work piece and work surface. Shake polishing compounds thoroughly before and during use.

Dispense a pea-size amount of the A compound to the surface to be polished.

A soft-tipped applicator is used to polish across deep scratches and blemishes - use moderate to light polishing pressure.

Use applicator to light pressure polish iPod action (center) button.

Fold an Optex cloth in fourths. Polish using circular motions, light to moderate pressure - don't press so hard as to push through the compound. Let it do the work.

When the compound vanishes, check the surface and reapply A compound as needed - each application progressively removes more damage. Repeat until all major defects are gone.

As compound builds up on polishing cloth, a polishing rouge is formed. This is used to remove polishing swirl marks.

Apply a one half pea-sized amount of A and lightly polish using the prior build up section on the cloth. As the compound breaks down, surface will appear 'wet'.

1-2 minutes of light polishing at this 'wet' stage will remove the swirls. Visually check progress periodically.

A lightly-dampened Optex cloth can be used to 'pick-out' any dried compound from seams and crevices - use light pressure.

Applicator used to clean seams and crevices.

A strip of paper can also be used to clean seams and crevices.

Briskly buff the surface with a clean, water-dampened Optex cloth.

This will leave a mirror finish on the plastic surface.

Ice Creme
VISUAL INSTRUX

Bright Metal Restoration

RADTECH

Prepare Your Workspace: Select a well-lit work area - Use a soft cloth to protect work piece and work surface. Shake polishing compounds thoroughly before and during use.

Light Damage:

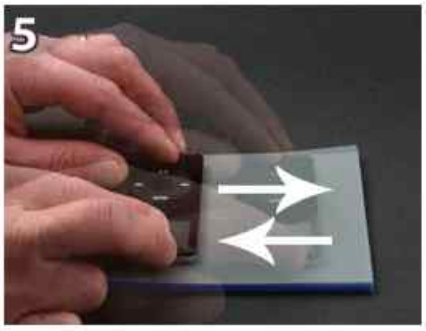
Dispense a pea-size drop of the A compound to the bright metal surface to be polished.

Fold an Optex cloth in fourths. Polish with Optex cloth using moderate to firm pressure in circular motions - rotate and clean cloth as needed.

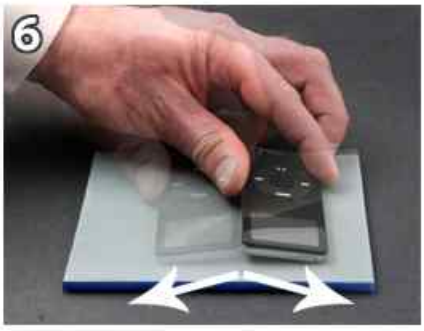
When the compound vanishes, check the surface and reapply A compound as needed - each application progressively removes more damage. Repeat until defects are gone.

Severe Damage:

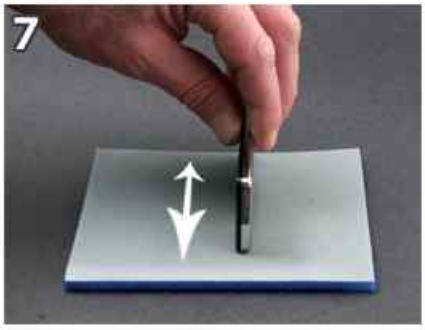
Using a section of blue refinishing pad, rub rough side across individual scratches and blemishes. Once all major defects have been knocked-down, proceed to step 5.



Place blue pad rough side up on a sturdy surface. Rub bright metal object across pad using moderate to firm pressure. Check appearance every 20-30 strokes - continue until an even, brushed sheen is achieved.



Slightly rotate convex and rounded surfaces to evenly refinish.



Thin metal edges are dressed by light, length-wise movement across pad.

Moderate to light circular motions across pad will produce a non-directional bright finish. Continued light cycle polishing will produce a mirror-like finish. Use very, very light pressure to bring out a shine.

Check surface periodically to avoid abrading through the chrome plating. If any faint tan color is noticed-STOP. Repeat steps 1-3 to complete the final finish.