

MAKE YOUR BALLOONS FLOAT FOR DAYS AND DAYS!

MAKE THE SMILES
LAST ^{UP TO} 25X LONGER



ULTRA
HIFLOAT
Essential to balloon success. | hi-float.com

SAFE | NONTOXIC | BIODEGRADABLE

Basic Instructions



ULTRA HI-FLOAT 16-oz.



ULTRA HI-FLOAT 24-oz.



ULTRA HI-FLOAT 96-oz.

ULTRA HI-FLOAT 16-oz.

It is very easy to use ULTRA HI-FLOAT to extend the floating time of latex balloons. With ULTRA HI-FLOAT, party decorations can be prepared a day ahead of time, and balloon bouquets will float for several days. Check out our [Pint Instructions video](#) on YouTube.

HI-FLOAT is nontoxic and non-irritating. It is very similar to the glue found on the back of postage stamps. The ULTRA HI-FLOAT pint will treat 100 11-inch balloons and can be purchased at [party stores and online](#).

1. Remove the cap from the bottle and securely attach the pump, then turn the pump counterclockwise to unlock the nozzle. (For the first use, hold a cup under the nozzle and pump several times until the HI-FLOAT comes out.)



2. Slide the balloon onto the nozzle until the balloon opening reaches the base of the nozzle.



3. For an 11-inch balloon depress the pump fully. For other sized balloons, consult the table below to determine how much HI-FLOAT to add.

Balloon Size	Press Down Pump
9 inches	Halfway
11 inches	1 time
14 inches	2 times
16 inches	3 times

4. Pinch the balloon as it is removed, cleaning off the pump nozzle and keeping HI-FLOAT out of the neck of the balloon. Keeping HI-FLOAT out of the neck of the balloon will make it easier to handle and tie.

5. Rub the balloon for a couple of seconds to spread the HI-FLOAT inside the balloon. While rubbing, elevate the opening to allow air to escape and to prevent liquid from entering the neck of the balloon.



6. Inflate the balloon until it is almost pear-shaped. Hand-tie the balloon. It should float upright. Underinflated balloons will not float upright and may lean to one side. Fully inflated balloons float straight up.

It takes a few hours after inflation for the ULTRA HI-FLOAT to dry enough so that it will not splatter if the balloon bursts. Although it is not toxic, wet, splattered ULTRA HI-FLOAT is sticky and could damage furniture or surfaces such as walls. Inflate the balloons and keep them away from such surfaces for the first few hours after inflation. If this is not possible, cover the immediate area with drop-cloths.

For added safety, glasses or safety goggles are recommended when inflating treated balloons to avoid eye contact. If ULTRA HI-FLOAT contacts the eye, flush with water for several minutes. If irritation persists, consult a physician.

One final note: HI-FLOAT is designed to work in balloons that are kept indoors in a climate-controlled location, with heater or air-conditioner running. HI-FLOAT treated balloons that are kept outdoors, in humid environments or in non-climate-controlled locations may not float for an extended time.

24-oz. and 96-oz. ULTRA HI-FLOAT

It is very easy to use ULTRA HI-FLOAT to extend the float time of latex balloons. With ULTRA HI-FLOAT, event décor can be prepared ahead of time, and balloon bouquets will float for several days. Check out our [Basic Instructions video](#) on YouTube.

HI-FLOAT is nontoxic and non-irritating. It is very similar to the glue found on the back of postage stamps.

In addition to a bottle of ULTRA HI-FLOAT, a reusable pump kit is required. The pump kit contains a plastic pump dispenser, detailed instructions, a plastic extension tube, a set of restriction clips that are used to control the amount of HI-FLOAT dispensed, and a red cap to keep the HI-FLOAT in the pump nozzle from drying and clogging the pump.



1. Attach the extension tube to the bottom of the pump as shown in Figure 1. (Note: Add this tube only for a 96-oz. bottle. The 24-oz. bottle does not need the extension tube.)



2. Place the pump on the bottle and tighten the threaded cap.
3. A pump dispenser must be primed before the first use. Hold a cup under the nozzle and depress the pump several times until liquid comes out.



4. Choose the correct colored restriction clip based on balloon size according to the table below. (Note: If you are using a helium/air mixture to inflate the balloon, [go here](#).)

Balloon Size	ULTRA HI-FLOAT
9 inches	Purple
11 inches w/60/40 inflator	Purple
11 inches	Orange
14 inches	2 pumps orange
16 inches	2 pumps grey
24 inches	3 pumps grey
30 inches	2 pumps no clip
36 inches	3 pumps no clip
40 inches	4 pumps no clip
48 inches	3/4 cup (add through funnel)
60 inches	1 1/2 cup (add through funnel)

5. Snap the restriction clip onto the neck of the pump dispenser.

6. Slide the balloon onto the nozzle until the balloon opening reaches the base of the nozzle. When the pump is depressed, the HI-FLOAT should go into the base of the balloon.



7. Depress the pump plunger as far as it will go.
8. Pinch the balloon as it is removed, cleaning off the pump outlet nozzle and keeping HI-FLOAT out of the neck of the balloon. Keeping HI-FLOAT out of the neck of the balloon will make it easier to handle and tie.
9. Rub the balloon for a couple of seconds to spread the HI-FLOAT inside the balloon. While rubbing, elevate the opening to allow air to escape and to prevent liquid from entering the neck of the balloon.



10. Inflate the balloon until it is almost pear-shaped. Hand-tie the balloon. It should float upright. Underinflated balloons will not float upright and may lean to one side. Fully inflated balloons float straight up.



11. Place the red cap on the pump outlet nozzle when the bottle is not in use.



It takes a few hours after inflation for the ULTRA HI-FLOAT to dry enough so that it will not splatter if the balloon bursts. Although it is not toxic, wet, splattered ULTRA HI-FLOAT is sticky and could damage furniture or surfaces such as walls. Inflate the balloons and keep them away from such surfaces for the first few hours after inflation. If this is not possible, cover the immediate area with drop-cloths.

For added safety, glasses or safety goggles are recommended when inflating treated balloons to avoid eye contact. If ULTRA HI-FLOAT contacts the eye, flush with water for several minutes. If irritation persists, consult a physician.

One final note: HI-FLOAT is designed to work in balloons that are kept indoors in a climate-controlled location, with heater or air-conditioner running. HI-FLOAT treated balloons that are kept outdoors, in humid environments or in non-climate-controlled locations may not float for an extended time.

Techniques and Maintenance

Pre-Treating Balloons

Treating Pearized and Metallic Balloons

Treating Heart-Shaped, Qualatex Geo Blossom® and Qualatex Geo Donut® Balloons

Coating the Outside of Balloons Before Inflation

Coating the Outside of Air-Filled Balloons After Inflation

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Pre-Treating Balloons

Balloons may be pre-treated with HI-FLOAT several days before they need to be inflated, saving time on the day of your event. Check out our [Pretreating Balloons video](#) on you tube.

Treat balloons with the correct amount of ULTRA HI-FLOAT. Use the orange clip for 11-inch balloons, and refer to the [clip guide](#) for other sizes. Be sure to get the pump nozzle down into the base of the balloon, and pinch the neck of the balloon as you remove it from the pump to wipe off any excess HI-FLOAT.

Gently rub the base of the balloon to spread the ULTRA HI-FLOAT.

Set the treated balloon aside, positioned so that the HI-FLOAT cannot flow into the neck of the balloon or leak out.

Gather treated balloons in groups of 10, and band the necks together with ribbon or a rubber band. This will keep the HI-FLOAT from drying out.



Leave the balloons at room temperature in banded groups of 10 for up to one week. Do not store the balloons in a refrigerator.

Before inflating the balloons, remove the ribbon or rubber band and gently rub the balloons to redistribute the ULTRA HI-FLOAT inside the balloons.

Inflate the balloons with helium and tie as normal.

Treating Pearlized and Metallic Balloons

Pearlized and metallic balloons float for about two-thirds as long as regular colored balloons. Check out our [Pearlized or Metallic Balloons video](#) on you tube. To get the maximum float life possible, use one of the following methods:

METHOD 1:

Pre-Treat Pearlized or Metallic Balloons to Maximize Float Life

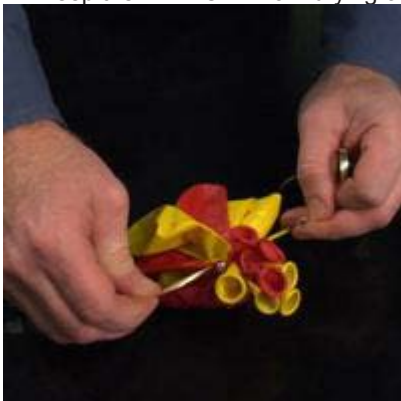
Balloons may be pre-treated with HI-FLOAT several days before they need to be inflated, saving time on the day of your event.

Treat balloons with the correct amount of ULTRA HI-FLOAT. Use the orange clip for 11-inch balloons, and refer to the [clip guide](#) for other sizes. Be sure to get the pump nozzle down into the base of the balloon, and pinch the neck of the balloon as you remove it from the pump to wipe off any excess HI-FLOAT.

Gently rub the base of the balloon to spread the ULTRA HI-FLOAT.

Set the treated balloon aside, positioned so that the HI-FLOAT cannot flow into the neck of the balloon or leak out.

Gather treated balloons in groups of 10, and band the necks together with ribbon or a rubber band. This will keep the HI-FLOAT from drying out.



Leave the balloons at room temperature in banded groups of 10 for up to one week. Do not store the balloons in a refrigerator.

Before inflating the balloons, remove the ribbon or rubber band and gently rub the balloons to redistribute the ULTRA HI-FLOAT inside the balloons.

Inflate the balloons with helium and tie as normal.

METHOD 2:

Pre-Stretch Pearlized or Metallic Balloons to Maximize Float Life

Pre-stretching pearlized and metallic balloons will provide about the same increase in float time as the pretreating procedure described above. Stretching balloons with air before they are inflated with helium allows them to be inflated to a larger size.

Inflate the balloon with air to stretch it.

Deflate the balloon.

Treat the balloon with ULTRA HI-FLOAT in the normal manner.

Inflate the balloon with helium and tie.

Treating Heart-Shaped, Qualatex Geo Blossom® and Qualatex Geo Donut® Balloons

Heart-shaped, Qualatex Geo Blossom and Qualatex Geo Donut balloons normally float for a shorter time than round balloons do. To get the maximum float life with these balloons, use the following method:

Inflate the balloon fully with air to stretch it, then deflate it entirely.

Inject ULTRA HI-FLOAT using the clip shown in the table below. Be sure to get the pump nozzle down into the base of the balloon, and pinch the neck of the balloon as you remove it from the pump to wipe off any excess HI-FLOAT.

Balloon	Clip
11-inch Heart-Shape	Orange
16-inch Geo Donut	Orange
16-inch Geo Blossom	Orange
17-inch Heart-Shape	Grey

Gently rub the base of the balloon to spread the ULTRA HI-FLOAT.

Inflate the balloon as much as possible with helium, and hand-tie it.

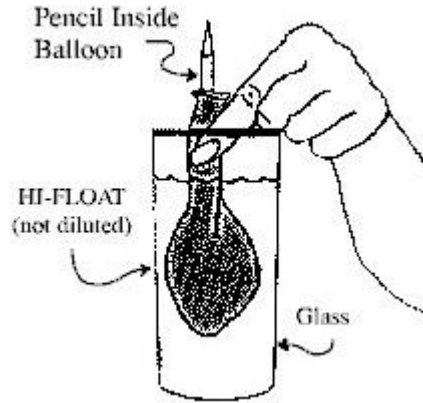
Note: If the balloon is not floating when first inflated, add less HI-FLOAT to the next balloons. You may need to push the pump down only 3/4 of the way, especially when treating Geo Blossoms.

Coating the Outside of Balloons Before Inflation

A quick and easy way to prevent oxidation (chalkiness) on the outside of latex balloons is to apply ULTRA HI-FLOAT coating to the outside of the balloon before inflation. This method can be used for helium- or air-filled balloons.

In addition to preventing oxidation, the external coating of HI-FLOAT increases the float life by about five times. The coating usually dries in a few minutes, but can be somewhat messy.

Here's how to do it:



Place an uninflated balloon over a pencil, and dip the balloon into a glass of HI-FLOAT to the stem as shown in the figure above. Keep the liquid out of the inside of the balloon. Make sure the entire outside of the balloon is wet except for the stem. If folds form in the balloon, withdraw it from the liquid and re-dip it to wet the entire outside.

Remove the balloon from the liquid, and let it drain for a couple of minutes.

With the helium nozzle pointed down as shown in the figure to the left, slip the balloon onto the nozzle and inflate it while the balloon is still wet. The balloon will stop dripping as soon as inflation begins. It will dry within a few minutes.

Seal the balloon, and attach a ribbon. Try not to touch the balloon, except near the stem, until it is dry. It may be useful to attach air-filled balloons to a cup and stick while the balloon dries.

Warning: Air-filled balloons with an external coating of HI-FLOAT must be kept in a climate-controlled location. Heat and/or high humidity can cause the balloon to burst or deflate prematurely.

Coating the Outside of Air-Filled Balloons After Inflation

A diluted ULTRA HI-FLOAT coating may be applied to the outside of the latex balloon after it is inflated to keep it from oxidizing (turning chalky). This is especially useful for clear balloons with items such as stuffed animals placed inside. Treating the outside of an air-filled clear balloon will keep it bright and clear for several weeks if it is cared for properly.

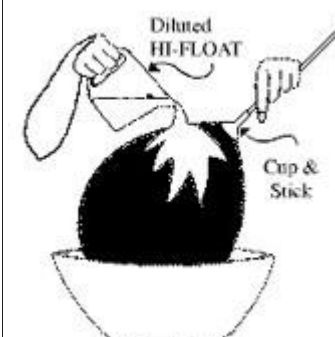
This photo shows a bear in a balloon, with half of the balloon coated with HI-FLOAT and the other half uncoated. The treated half remains clear even after several weeks, while the uncoated half starts turning chalky after a few days.



Warning: Air-filled balloons with an external coating of HI-FLOAT must be kept in a climate-controlled location. Heat and/or high humidity can cause the balloon to burst or deflate prematurely.

This dilute coating method does not work well on helium-filled balloons, since it can cause streaking.

To coat the outside of an air-filled balloon:

<p>Stuff and inflate the balloon.</p> <p>Attach the stuffed balloon to a cup and stick to provide a handle.</p> <p>Mix 1 cup of HI-FLOAT with 2 cups of warm water. Stir gently to avoid making foam.</p> <p>Place the balloon in a large pan, and gently pour the liquid over it while slowly rotating the balloon as shown the figure to the right. Make sure the entire outside surface of the balloon is wetted.</p> <p>Hang the coated balloon up by the handle so that it can drip dry.</p> <p>Under normal conditions, drying takes about 30 minutes.</p>	
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Other Tips:

Using a handheld hair dryer can quicken drying. Do not aim the dryer at one spot for too long, as that could burst the balloon.

The excess liquid in the pan may be placed in a capped bottle and saved for reuse. Refrigerate to keep mold from forming.

Any bubbles in the coating will collect at the lowest point. Wipe that spot gently with a damp sponge after drying for about 15 minutes. After drying, touch up any missed spots with a small brush.

Do not dilute the HI-FLOAT by more than two parts water to one part HI-FLOAT. Never dilute HI-FLOAT for coating uninflated balloons, since that will drastically reduce float life.

This outside coating will also remove oxidation that has already occurred.

This technique will keep balloon animals looking big and shiny for several days. Simply place the animal in the pan, pour the diluted mixture over it and hang it by the knot until dry.

Cleaning HI-FLOAT

Allow adequate drying time for balloons in order to avoid cleanup jobs. We recommend allowing balloons to dry for a couple of hours before allowing them to be touched.

HI-FLOAT is completely soluble in water, even after it has dried. It dissolves much more quickly in hot water.

On nonporous surfaces such as countertops, allow spilled liquid to dry, then simply peel it up and discard.

On machine-washable fabrics, wash in warm or hot water, if possible. Presoak the item for a few hours if the HI-FLOAT has dried completely.

For dry cleaning, inform the cleaner that the spot is soluble in water and/or steam.

On upholstered fabrics, HI-FLOAT can be removed by dipping a toothbrush into a cup of hot water and rubbing the spot to soften it. Then blot it with a dry towel. Repeat wetting and blotting several times as necessary. After drying, if any trace remains, repeat the procedure. Brush felted fabrics to restore nap.

Cleaning the Pump Dispenser

A pump dispenser should last through several bottles of HI-FLOAT. Check out our [Pump Cleaning video](#) on YouTube. If the pump becomes clogged and difficult to push down, pump warm water through it to clear the clog. If this does not work, the pump may be cleaned as follows:

Unscrew the top of the pump and place both sections in a pan of hot tap water.



Let the pump sit in the pan overnight.



Rinse the pump parts with warm water. Make sure the air holes under the threaded cap are clean. Reassemble the pump.



Placing the red end cap on the end of the outlet nozzle between uses will help keep the pump from becoming clogged.



Treating Air-filled Balloons

ULTRA HI-FLOAT is not just for use with helium. It can also be used to prolong the life of air-filled balloons. Check out our [Air Filled Balloons video](#) on you tube.

HI-FLOAT prevents air from escaping through the walls of a latex balloon. It actually does an even better job of preventing air loss than it does with helium.

HI-FLOAT works in air-filled round and non-round balloons, such as 260s.

An air filled 11-inch round balloon maintains its original size for at least two months.

When not treated with ULTRA HI-FLOAT, an 11-inch air-filled balloon loses 20% of its air in two months.

260 balloons treated with HI-FLOAT and filled with air will maintain their original size for several weeks.

To create long-lasting air-filled balloons, follow the [instructions](#) for treating helium-filled latex balloons with HI-FLOAT, using the same restriction clips but inflating with air instead. For example, for an 11-inch round balloon, use the orange clip on the pump dispenser, and add one full pump before inflating with air.

How to Save Helium With ULTRA HI-FLOAT

60/40 helium inflators are compatible with ULTRA HI-FLOAT treated balloons.

60/40 inflators add a helium/air mixture to the balloon and can provide balloons that will float for several days when treated with ULTRA HI-FLOAT. Because 40% less helium is used, the savings on helium more than pay for the HI-FLOAT. Check out our [HI-FLOAT with 60 40 Inflators video](#) on you tube.

Because a 60/40 helium/air mixture is less buoyant than pure helium, less HI-FLOAT will be added than for balloons with pure helium. Refer to the [clip guide](#), and use the restriction clip for the next smaller size balloon.

Clip Sizes	
Balloon Sizes	ULTRA HI-FLOAT
9 inches with 60/40 inflator	not recommended
11 inches with 60/40 inflator	purple
14 inches with 60/40 inflator	2 strokes orange
16 inches with 60/40 inflator	2 strokes grey
24 inches with 60/40 inflator	3 strokes grey
30 inches with 60/40 inflator	2 strokes no clip
36 inches with 60/40 inflator	3 strokes no clip
40 inches with 60/40 inflator	4 strokes no clip
48 inches with 60/40 inflator	3/4 cup (add through funnel)
60 inches with 60/40 inflator	1 1/2 cup (add through funnel)

For an 11-inch balloon inflated with a 60/40 mixture, use the purple restriction clip that is normally used with a 9-inch balloon.

Snap the purple clip onto the pump dispenser.

Slide the balloon on to the pump nozzle so the HI-FLOAT will fall into the base of the balloon. Push the pump down as far as it will go.

Pinch the balloon as it is removed, cleaning off the pump nozzle and keeping HI-FLOAT out of the neck of the balloon. Keeping HI-FLOAT out of the neck of the balloon will make it easier to handle and tie.

Rub the balloon for a couple of seconds to spread the HI-FLOAT inside the balloon. While rubbing, elevate the opening to allow air to escape and to prevent liquid from entering the neck of the balloon.

We recommend rotating the helium nozzle downward to reduce splatter and keep the HI-FLOAT out of the balloon neck.

Inflate the balloon until it is almost pear-shaped. Hand-tie the balloon. It should float upright.

Underinflated balloons will not float upright and may lean to one side. Fully inflated balloons float straight up.

An ULTRA HI-FLOAT treated 11-inch balloon inflated with a 60/40 helium/air mixture will float for two to 10 days.

Tips for Maximum Float Life

In our book, a helium-filled balloon should last for days – not hours. That's why there's HI-FLOAT. Of course, float times vary depending on where and when your balloons are used. Check out our [Tips for Maximum Float Life video](#) on you tube.

Weather and humidity are two important conditions to consider. In low-humidity weather (such as winter), float life will be longest. Typically, treated balloons float only one-fourth as long in summer as they do in winter because of higher heat and humidity.

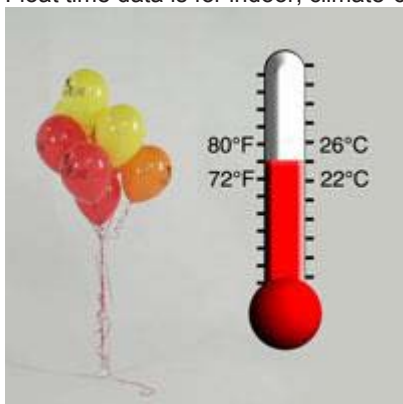
Since you can't control the weather, here are a few other suggestions for getting the longest float life possible with HI-FLOAT:

Add the full recommended amount of HI-FLOAT. The restriction clips that come with the pump dispenser ensure that the correct amount of HI-FLOAT is added to every balloon. Using less will shorten the balloons' float time. Not adding the full recommended amount also makes it difficult to get an even coating inside the balloon and can cause balloons to look hazy.



Inflate the balloons fully. The balloon should be almost pear-shaped and should float upright when first inflated. If the balloon leans to one side or doesn't float at all, add more helium. A balloon sizing device will help ensure that balloons are inflated to the correct size.

Keep balloons indoors, in a climate-controlled location. In hot weather, keep the balloons in an air-conditioned location so they can dry quickly. In cold weather, keep the balloons in a heated location. Float time data is for indoor, climate-controlled conditions.



In rainy weather, run the heater or air conditioner when inflating HI-FLOAT-treated balloons. High humidity can interfere with the drying time of balloons and will dramatically reduce a balloon's float life. A room dehumidifier will also help avoid this problem.

Avoid exposure to direct sunlight.

Use specially ventilated HI-FLOAT Balloon Transport Bags for transporting balloons. HI-FLOAT transport bags are ventilated, so air can circulate around the balloons and allow the HI-FLOAT coating to continue drying. Use of nonventilated bags will delay drying of the HI-FLOAT coating and reduce float time.



Limit the total amount of time that balloons are in bags to 30 minutes. Do not place balloons in a hot vehicle; run the air-conditioner first.



Remember that float times for pearled and metallic balloons are about a third less than for regular colored balloons. If you need the maximum float life, don't use pearled or metallic colors. Also, heart-shaped, Qualatex Geo Blossom® and Qualatex Geo Donut® balloons float for much less time than regular balloons. For additional instructions for treating these balloons, [click here](#).

Hand-tie the balloons.