

HI-FLOAT FAQ'S

WHAT IS HI-FLOAT?

HI-FLOAT balloon treatment is a solution of a plastic material dissolved in water. It forms a coating inside latex balloons that greatly reduces helium or air loss. Check out the [What is HI-FLOAT](#) video on YouTube.

With ULTRA HI-FLOAT, party decorations can be prepared a day ahead of time, and balloon bouquets will float for several days.

Helium-filled latex balloons float 25 times longer on average with ULTRA HI-FLOAT, and air-filled latex balloons maintain full size for over one month with ULTRA HI-FLOAT.

HI-FLOAT is very safe. It is nontoxic, non-irritating, noncorrosive, nonflammable and biodegradable. It is similar to the glue on the back of postage stamps.

HOW LONG WILL BALLOONS FLOAT WHEN TREATED WITH HI-FLOAT?

When used properly, ULTRA HI-FLOAT increases the floating life of latex balloons by 25 times, on average. For ideal results, follow [Tips for Maximum Float Life](#) at Hi-Float.com.

The following table shows typical floating times for various sizes of balloons:

FLOAT CHART				
LATEX BALLOON SIZE	LATEX BALLOON TYPE	BALLOONS PER 242 HELIUM TANK	AVERAGE FLYING TIME HELIUM ONLY	AVERAGE FLYING TIME HELIUM + HI-FLOAT
9" with valve	Standard Colors	880	6 Hours	3-10 Days
9"	Standard Colors	880	10-15 Hours	4-14 Days
11" with valve	Standard Colors	485	18 Hours	6-20 Days
11" with 60/40 inflator	Standard Colors	800	12-18 Hours	3-10 Days
11"	Standard Colors	485	12-24 Hours	1-4 Weeks
11"	Metallic & Pearlized	485	12-24 Hours	1-3 Weeks
14"	Round	240	26-30 Hours	2-5 Weeks
16"	Round	180	30+ Hours	3-7 Weeks
18"	Round	130	36+ Hours	3-8 Weeks
17"	Heart	268	14 Hours	3-8 Days
16"	Geo Donut®	340	22-26 Hours	4-12 Days
16"	Geo Blossom®	400	18-24 Hours	3-10 Days
24"	Round	50	2-4 Days	4-10 Weeks
3'	Giant	15	3-5 Days	6-20 Weeks

To achieve these float times balloons must be kept indoors, in a climate controlled location, with the heater or air-conditioner running.

Please remember that these are estimates based on typical indoor conditions, and following all instructions. Float times will be shorter outdoors. Float times vary greatly based on factors such as latex quality, humidity, temperature, altitude, etc. Balloons typically float for half as long in hot, humid weather. For maximum float life, hand-tie balloons.

IS HI-FLOAT SAFE?

Yes. HI-FLOAT is nontoxic, nonirritating, noncorrosive, nonflammable and biodegradable. It is very similar to the adhesive found on the back of postage stamps. Simply wash it off of skin with water. If the product is accidentally splashed into the eyes, flush the eyes with water for several minutes. Although HI-FLOAT is nontoxic, it is a good idea to keep bottles away from small children.

WHAT IS THE SHELF LIFE OF HI-FLOAT?

The shelf life of HI-FLOAT is at least a year for unopened bottles and at least three months for opened bottles. Use your oldest material first to avoid accumulating product with excessive age.



HOW MANY BALLOONS WILL A BOTTLE OF HI-FLOAT TREAT?

NUMBER OF TREATED BALLOONS PER BOTTLE			
LATEX BALLOON SIZE	ULTRA HI-FLOAT 96 OZ.	ULTRA HI-FLOAT 24 OZ.	ULTRA HI-FLOAT PINT
11"	567	141	100
14"	283	70	50
16"	202	50	33

HOW MUCH DOES IT COST TO TREAT A BALLOON?

AVERAGE COST PER BALLOON	
LATEX BALLOON SIZE	COST OF ULTRA HI-FLOAT
11"	5-6 cents
14"	10-11 cents
16"	15-17 cents

As you can see, treating balloons with HI-FLOAT is well worth the few extra pennies, especially when you consider that you get up to **25 times longer float time!**

HOW MUCH HI-FLOAT SHOULD I USE IN GIANT BALLOONS?

GIANT BALLOON AMOUNTS	
LATEX BALLOON SIZE	AMOUNT OF ULTRA HI-FLOAT
24"	Three pumps with grey clip
30"	Two pumps with no clip
36"	Three pumps with no clip
40"	Four pumps with no clip
48"	3/4 cup (added through a funnel)
60"	1-1/2 cup (added through a funnel)

DOES ALTITUDE AFFECT FLOATING LIFE?

Balloons float for less time at high altitudes because the lower air pressure produces a less-dense atmosphere. Decreased float time at high altitudes occurs for HI-FLOAT treated and untreated balloons alike.

To get the maximum float time at high altitudes, make sure to use ULTRA HI-FLOAT and not SUPER.

Because of the less-dense atmosphere at high altitude, balloons treated with the recommended amount of ULTRA HI-FLOAT may not float after initial inflation. If balloons don't float immediately, add less HI-FLOAT than recommended.

Experiment with the amount of ULTRA HI-FLOAT to determine how much can be added at a particular altitude and pressure. Adding as much HI-FLOAT as possible will increase the float life, but the balloons do need to float upward. They should not lean to one side.

For maximum float time at high altitudes, pre-stretch balloons with air before treating them with ULTRA HI-FLOAT and inflating with helium.



DOES HI-FLOAT WORK WITH AIR-FILLED BALLOONS?

Yes, ULTRA HI-FLOAT can be used to prolong the life of air-filled balloons.

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

DOES HI-FLOAT WORK ON FOIL BALLOONS?

No. Foil balloons are not buoyant enough and will not float when treated. For very long float life, we recommend a 16-inch latex balloon treated with ULTRA HI-FLOAT.

DOES FREEZING AFFECT HI-FLOAT?

ULTRA HI-FLOAT may become thick and lumpy if frozen. Gently reheat to dissolve.

WHAT IF HI-FLOAT BECOMES TOO THICK TO PUMP?

No worries. For step-by-step instructions on how to redissolve HI-FLOAT to get it to the right consistency, Check out the [Restore Gelled Product](#) video on YouTube.

WHAT CAUSES BALLOONS TO BURST?

Sometimes, for no apparent reason, balloons burst. This may be caused by static electricity brought about by changing weather conditions. This can happen with or without HI-FLOAT. Try spraying an antistatic product around your work area to reduce balloon loss.

WHERE CAN I GET FURTHER INFORMATION?

Hi-Float instructions, videos and designer tips are available online at www.hi-float.com.

