

## **Safety Guidelines for Proper Use of All-Vac Locking Lever Suction Cup Lifters**

The following are guidelines intended to assure the safest possible use of All-Vac's Locking Lever Suction Cup Lifters. Our recommendations are not intended to cover all possible applications involving this hand tool, but simply to point out general simple rules for using this product. Common sense use of this tool is your best prevention against an accident occurring.

**Secure** the tool to the material being lifted by pressing the suction cup seals in their flat, relaxed position firmly onto the material and only then activate the levers by pushing down on them in the direction that is away from the handle, overcoming the slight pressure from the seals. Activate one lever first, and when locked, activate the second lever. Give a slight tug on the handle to make sure that each suction cup correctly sealed onto the material.

[For our Single Cup Lifter, secure the tool to the material being lifted by pressing the cup with the seal in the flat, relaxed position firmly onto the material and only then activate the lever grip by lifting it upward toward the stationary handle until the two parts touch, overcoming the slight pressure from the seal.]

**Release** the tool by first ensuring that the material is well supported. Then, lift the levers so they are positioned straight up. Do not overextend the levers by angling them towards the handle. The suction cup seals will return to their original position and then may be lifted from the material. If the seal sticks to the material, lift the side of the seal with your finger or thumb to let some air get under the seal.

[For our Single Cup Lifter, press downward onto the lever grip with your fingers to return it to its open position. The suction cup seal will return to its original position and the suction cup can be lifted from the material. If the seal sticks to the material, lift the side of the seal with your finger or thumb to let some air get under the seal.]

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- **Use the Suction Cup Lifter only as a hand lifting tool for short term handling.**
  - **Use the Suction Cup Lifter only on clean, smooth, dry, non-porous material, free from oil or grease.**
  - **Do not exceed the rated weight capacity of the tool. Ratings are based on a 4:1 safety factor. Lifting capacity will be reduced and possibly lost when used in below freezing temperatures, high humidity areas, or high elevations.**
  - **Test the suction grip each time before lifting a load.**
  - **When finished using the tool, store it with the suction cup seals in the flat, relaxed position, protected from direct sunlight, wind and water. You may also purchase a wall bracket made specifically for storing your Suction Cup Lifter.**
  - **Do not use the tool as a suspension tool for hoisting loads or to suspend or secure persons.**

■ **Before using the tool, carefully check for any parts that appear damaged. If there is any question about the condition of the tool or its safe operation, DO NOT use the product.**

■ **Before using a tool that has already been used, or after repeated use, check the suction cup seals for any debris, oil, or other material.** The seals need to be clean and free of debris for optimal use. Seals may be cleaned with a small amount of soapy water, glass cleaner, or alcohol applied to a clean cloth. Filtered compressed air may also be used to clean debris from suction cup seals.

If you have questions regarding the use of any Suction Cup hand tool, please call us at (847) 675-2290 and ask to speak with an engineer. Effective date: July 2008.