

11. The operator must be able to view the 10. Never try to lift cracked or chipped glass.

vacuum is still sufficient. in order to assess whether the existing vacuum indicator (it mounted) at all times,

NOLK CIOLNING. gloves. Wear close-fitting, tear-resistant Wear safety shoes. Wear robust protective crushing, entrapment or falling objects suction littler, such as injuries caused by health risks exist when working with the minimise health risks. WARNING: Different DE WOLT TOT ALL WOLK WITH THE SUCTION HITER TO 12. Personal Protective Equipment (PPE) must

thin sheets). Make sure that the suction breakage with thin glass or the bending of to the object to be lifted (e.g. glass generating the vacuum causes no damage responsibility of the user to ensure that releasing the lever(s). NOTE It is the is released from the object to be lifted by reattach the suction lifter. The suction lifter put down immediately. Then release and vacuum is decreasing, the object must be carried. If the operator notes that the generated, the object can be lifted and the suction pad and the gas-tight surface of the object to be lifted. If sufficient vacuum is the lever, a vacuum is generated between models a vacuum indicator. By engaging least one lever, a suction pad and for some 13. Lever-activated suction lifters include at

is suitable to withstand the

intended force to be applied by the suction

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the influence of drugs or alconol.

USING THE SUCTION LIFTERS

promoned.

affect perception and reactions, or under

under the intilence of medications which

si (XII) spiszen noisoidxe of toelaus

The use of the suction lifter in environments

applies in particular to the satety devices.

the suction lifter are not permissible. This

Alterations, additions and modifications of

whether you are physically capable of lifting

and the conditions under which load handling takes place. Check before lifting

(or frequency), the adopted body posture

weights to be lifted but also the load duration

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the respective national Manual Handling

costs. It is strongly recommended to observe

consistently below 0°C must be avoided at all

extreme cold (e.g. trost). Temperatures

costs. Suction lifters must not be subjected to

above approx. 40°C must be avoided at all

direct sunlight). Temperatures consistently

extreme neat (e.g. open tiames, constant

Suction lifters must not be subjected to

use. Secure the objects to be lifted or

lever-activated suction lifter for its intended

etc.). Always check the suitability of the

סר כפוראותם סנחפר הופנופוג נחפת וופנ טופגצ

(e.g. decorative glass, plastic, stone, n

carried against tailing or slipping.

Operations Regulations. These regulation

the load under the given circumstances.

9. You must not operate the device whilst

effort has been n ent and Statutory Instruments

to accurate and not misleading. HAE/EHA cannot accept responsibility for any lo to have arisen from the use of any such document/material. Only Acts of Parliament have the force of law and only the source and activity of the source of the s



# or dirty conditions, in particular if the suction pad is not maintained or is damaged, and when lifting

Never use the suction lifter as a support for people.

corresponding prohibitory sign is attached to the suction lifter.

(E.G. CRANES, FORKLIFT TRUCKS).

to using the Suction Lifters and this must not be exceeded.

PROHIBITED FOR USE ON LIFTING EQUIPMENT

solvents, petrol, rubber detergents or softeners) to clean the rubber pad. WEAR safety shoes WEAR robust protective gloves WEAR close-fitting tear-resistant work clothing.

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caused by the unexpected movement of the

object to be carried. WARNING Risk of injury

capacity of the suction lifter on the intended

ρεπότη α τεστ ιπ το check της ιοαά carrying

surface and the rubber pad. If in doubt,

Contamination can damage both the

loss ou nueven, rough and porous surfaces.

holding capacity is reduced up to its total

holding capacity they must be returned to

appear to be damaged or have reduced

due to ageing, wear, improper maintenance

imitations due to reduced elasticity, e.g.

rubber pads for potential functional

undamaged. Before each use, check all

The rubber pads must be clean, and

suction lifter! Make sure that the suction

period of time. This can normally be

and arter applications that last for a long

object to be lifted after the initial application

rubber, a dark ring may remain on the

litter (e.g. nandling at the housing, holding

14. As the suction pads are made of high grip

litter is working properly before each use

15. A WARNING: Risk of injury caused by the load falling due to a damaged

removed easily with Glass Cleaner.

must be clean, dry and free of grease.

17. The suction surface and all rubber pads

16. In any instance whereby the rubber pads

the Hire Company immediately.

or storage.

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or devices.

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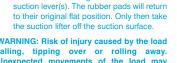


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falling, tipping over or rolling away. Unexpected movements of the load may occur when setting down and releasing the load! Make sure that the raised load is well

secured when setting it down. . 28. NOTE If the rubber pad(s) remain stuck to

the object carried, raise the rubber pad on

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load capacity.

imunosv to

21. The load must not exceed the specified

release of the load may occur due to a loa

load capacity through to a premature

lever. When moving the load, a reduction of

act the monitored visually at the

and guarantee the firm hold of the suction

period of time. You must regularly check

carrying or holding objects for a short

suction lifter should only be used for lifting,

is moving. Lifting, Carrying, Holding The

WARNING: Risk of injury caused by the

the test surface, then the suction surface of

the innetion of the suction lifer is perfection

test the function of the suction lifter on a

constant vacuum is achieved, you must

produced by the vacuum. NOTE If no

should noticeably teel the resistance

lever(s) for generating the vacuum. You

free of tension and lie flat. Engage the

suction surface. The rubber pads must be

Press the suction lifter firmly onto the

the object to be lifted before use (e.g.

currents! Check the expected wind load on

load due to strong wind torces in strong air

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11

flat, clean and grease-free pane of glass.

19. Never attach the suction lifter while the load MAMMING. Make to low vacuum!

20. For products with vacuum indicator, the

lifter for longer operating times.

your load is not suitable.

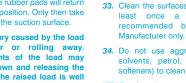
18. Generating the Vacuum:

The C

### shoes. Wear robust protective gloves. Wear close-fitting, tear-resistant work clothing. SETTING DOWN THE LOAD

- secured when setting it down. Release the
- 27. Make sure that the raised load is well

WARNING: Risk of injury caused by the load



34. Do not use aggressive chemicals (e.g.

- 33. Clean the surfaces of the suction pads at least once a week with Cleaner recommended by Hire Company or

- brittle.

- lose its elasticity quicker and may become
- a prolonged period of time. Otherwise it will
- 32. Never expose the rubber pad to sunlight for

- and free from oil, grease and dust.
- and dark location and, if possible, in a storage case. MAINTENANCE AND CARE 31. Always keep the lever-activated suction
  - lifter and especially the suction pad clear



in accordance with the manufacturers recommendations WARNING IMPROPER USE OF THE DEVICE **MAY LEAD TO DANGERS!** 

1.

3

4

5.

**GENERAL GUIDANCE** 

the intended work

6

#### carrying and holding objects with flat, airtight surfaces by hand, typically glass. Other applications are not permitted. The suction lifter must only be used as advised by the The suction lifter must not be modified The suction lifter must only be used by suitably trained operatives. The suction lifter must be regularly serviced

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(Continued overleaf)





22. Never move loads carried by the suction

23. Avoid exerting lateral pressure to the

24. If the level of vacuum decreases, put the

25. Never activate the release devices when

26. As soon as you have doubts about the load

setting down the load and thus a loss of

control over the tool and load! Wear safety

capacity of the suction lifter, remove and

WARNING: There is a risk of tripping or Slipping when lifting, moving and

load down immediately and reattach the

suction pad when carrying the load.

lifter over people.

suction lifter

reattach it.

carrying the load.

the side with a finger so that air can get underneath it. This effect occasionally occurs with new rubber pads and will not impair the function. Improper loosening of the rubber pad will render it unserviceab Never use pointed or sharp objects (e.g. screwdriver) for lifting the suction pad.

#### STORAGE

- 29. Never set the suction device down with the
- rubber pad resting on a sharp object/s. 30. Always store the suction lifter in a clean, dry
- manufacturer. remodelled

## Hand Held Suction Glass Lifters

may require the person responsible for this equipment to carry out a specific risk assessment.

All work on the suction lifter (start-up, operation, maintenance, troubleshooting and fault rectification) must only be carried out by qualified personnel or people instructed and trained for

All Suction Lifters have a specified maximum load capacity. These values must be determined

from the manufacturer or the manufacturer's data attached to the device (safety data plate) prior

Note that the air pressure decreases the higher you are above sea level and therefore also reduces

the load capacity. Starting from 1,600 m above sea level, the use of suction lifters is only possible to a limited extent. The holding capacity is significantly reduced up to its total loss in cold, humid

Never use the suction lifter in conjunction with a crane or other lifting equipment. The

The suction lifter is a hand tool and is used exclusively for lifting.

2774 Safety Guidance

The rules and procedures in force where people are at work