

# SAFETY CONSIDERATIONS

## STATIC ELECTRICITY

- Static discharge of electricity can occur during dry ice blasting. Always make sure that the objects to be cleaned are adequately grounded and that the grounding remains stable throughout the cleaning process.

## EXPLOSION

- Blasting machines must never be used in areas containing flammable vapors or other explosives.

## SKIN BURN

- Dry ice has a temperature of -109° F (-79° C) and will burn when it contacts skin. Always wear protective clothing and eye protection.
- Read the Material Safety Data Sheet provided by the manufacturer. To download ours, visit <http://bit.ly/1sDEZx>.

## DANGER OF THROWN LOOSE OBJECTS

- There is a risk of dry ice pellets and loose objects being deflected during blasting.
- Before blasting secure or remove loose objects in the area.
- Everyone in the blasting area must always wear approved protective safety glasses, goggles or a face shield when working with or near the blasting machine.

## CONTINENTAL CARBONIC PRODUCTS, INC. OVERVIEW

Continental Carbonic Products, Inc. specializes in the manufacture and distribution of dry ice (solid carbon dioxide) and liquid carbon dioxide, along with sales and rental of dry ice blasting equipment. We service customers throughout the eastern two-thirds of the United States and Ontario, Canada through our strategic network of dry ice manufacturing and distribution facilities.



  
**CONTINENTAL  
CARBONIC**  
products, inc.

*Delivering Excellence  
In Dry Ice*

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# DRY ICE BLASTING SAFETY



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## PRECAUTIONS BEFORE AND AFTER BLASTING

### PERSONAL PROTECTIVE EQUIPMENT REQUIRED

- Eye protection, hearing protection and gloves are required. The operator must wear protective gear before and during blasting.
- It is required that anyone standing in the blasting area also wear similar protective gear. Be sure to follow your company's safety rules and regulations.

### OTHER PRECAUTIONS

- Inspect blast unit, hose, cables, guns and nozzles for any damage prior to and after blasting.
- Make sure hoses are securely tightened before use and do not kink air hose during use.
- Never exceed recommended hose or blasting machine pressure levels.
- Air, CO<sub>2</sub> gas and dry ice pellets leave the gun nozzle at high speed. Do not aim the nozzle at a person(s).
- Keep dry ice blasting machine hopper lid closed during blasting.
- Turn air source off before removing blast hose from the dry ice blasting machine.
- Never disconnect air supply hose before shutting off air supply system.
- **DO NOT** use the dry ice blasting machine if you are wearing a pacemaker.

**PACEMAKER MAY MALFUNCTION**

## ADDITIONAL SAFETY CONSIDERATIONS

### NOISE CONTROL

- The level of noise in the dry ice blasting operating area may exceed OSHA's permissible exposure levels. Hearing protection is required in the proximity of dry ice blasting operations.
- Any barrier between the blasting and other work areas may reduce the sound exposure levels.
- Reference your company's and OSHA's safety guidelines to ensure compliance.

### DUST

- Blasting will send dust into the air. The operator and anyone working nearby should wear a dust mask.

### CARBON DIOXIDE CONCENTRATIONS

- Dry ice is solid carbon dioxide that changes into a gas (sublimation). In well ventilated areas, the CO<sub>2</sub> gas harmlessly dissipates. However, in confined or poorly ventilated spaces the CO<sub>2</sub> gas can accumulate, leading to a risk of suffocation.
- Refer to OSHA regulations when working in confined spaces to control the risk of suffocation.

## DRY ICE SAFETY



### DO NOT TOUCH

Dry ice is a skin and eye irritant. Avoid contact with skin, mouth, eyes and clothing. Dry ice will cause severe burns.

### DO NOT EAT

Dry ice is harmful if eaten or swallowed. If ingested, seek medical help immediately.

### COULD CAUSE SUFFOCATION

Dry ice changes to CO<sub>2</sub> gas as it sublimates, causing a lack of oxygen. Only use dry ice in open or well-ventilated areas. Do not store in confined spaces such as vehicles or garages and never store near an area where people sleep as suffocation could occur.

### DO NOT PLACE IN AIRTIGHT CONTAINERS

Airtight containers may explode as dry ice converts to CO<sub>2</sub> gas.

## BUY DRY ICE



**1-800-DRY-ICE2**

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