

Technical Safety Data Sheet

Equipment Name: Tumbler Blast Cabinet (Kelco Pressure Blast Tumbler)

Manufacturer: Kelco Pressure Blast Tumbler

Address

11936 Front Street
P.O. Box 305
Norwalk, CA 90650

Telephone Number: (213) 868-9861

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Equipment Description: This equipment is used to clean metallic parts and remove paint from aircraft chains using glass beads as a blast media. The system consists of an enclosed cabinet with a rotating barrel, spray nozzles, motor, filtration system, compressor, and recirculation pump. Spray nozzles are pointed down and toward the back of the barrel so that the glass beads are directed at the center of the parts being cleaned as they tumble inside the barrel. An air hose is used to supply air to the spray nozzles. The process is a closed loop system.

Precautions for Safe Handling and Use:

Operation:

Do not eat, drink or smoke while operating this equipment to prevent ingestion.

If an industrial hygienist determines personal protective equipment (PPE) is needed, wear PPE during equipment operation. See Control Measures section for description.

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Review manufacturer's documentation before operating this equipment (Installation/Operation Instructions (Kelco Pressure Blast Tumbler)).

Maintenance:

Shut off electrical power before commencing any maintenance or repair work.

Contact manufacture to obtain lockout/tagout procedures prior performing any maintenance or repair work.

Installation:

Use rubber matting or non-skid surface in the operating area to prevent slipping on glass beads.

Contact manufacture to obtain information concerning electrical source requirements to ensure proper installation.

Health Hazard Data

Chemical Hazard: Airborne toxic dust from the filtration system may create an inhalation hazard.

Physical Hazard: Glass beads used as the blast media may fall onto the floor during the removal of parts or from leaks in the filtration system and create a slip hazard.

Biological Hazard: None observed

Ergonomic Hazard: None observed

Control Measures

Respiratory Protection: An industrial hygienist should determine if a respirator is required due to the leakage of toxic dust from the filtration system.

Ventilation Requirements: Provide local exhaust ventilation.

Posting Requirements: Personal protective equipment (PPE) requirements should be posted in the equipment operating area.