



COMMERCIAL CASE STUDY

PRODUCT

SPEEDKNIT™ S1DC05 SPEEDKNIT™ S2EP33 6 MIL HEAVY-DUTY NITRILE

Manufacturing premium bathtubs involves handling sharp fiberglass edges and exposure to potent chemicals, posing significant risks to workers. Recognizing these dangers, a prominent American bathtub manufacturer approached Mechanix Wear for PPE solutions that would last longer, increase compliance, and more importantly, keep workers safe.



PART #	SIZE	PART #	SIZE	PART #	SIZE
S1DC-05-007	SMALL	S2EP-33-007	SMALL	D15-05-008	SMALL
S1DC-05-008	MEDIUM	S2EP-33-008	MEDIUM	D15-05-009	MEDIUM
S1DC-05-009	LARGE	S2EP-33-009	LARGE	D15-05-010	LARGE
S1DC-05-010	X-LARGE	S2EP-33-010	X-LARGE	D15-05-011	X-LARGE
S1DC-05-011	XX-LARGE	S2EP-33-011	XX-LARGE	D15-05-012	XX-LARGE
S1DC-05-012	XXX-LARGE	S2EP-33-012	XXX-LARGE	D15-05-013	XXX-LARGE



THE PROBLEM

The company has been manufacturing and selling premium bathtubs and other premium bathing solutions for over 50 years. They have 8 manufacturing locations across the United States, one of which is located in Three Rivers, Michigan.

This Three Rivers location wanted to improve the safety of its manufacturing operations, specifically in assembly and handling, and chemical cleaning.

ASSEMBLY AND HANDLING - Part of the manufacturing process involved assembling braces around fiberglass tubs and manually

RESULTS



4X

LONGER-LASTING THAN COMPETING GLOVES



INCREASED SAFETY

INCREASED SAFETY FOR WORKERS



IMPROVED EFFICIENCY

IMPROVED WORKER EFFICIENCY

CUSTOMER

The customer is a world-leading manufacturer of luxury hydrotherapy systems and everyday bathtubs and showers. They've been producing and selling accessible bathing solutions for more than 50 years.

1965 — YEAR FOUNDED

500+ — EMPLOYEES

8 — LOCATIONS IN THE UNITED STATES

APPLICATION

MATERIAL HANDLING, CHEMICAL PREPARATIONS

INDUSTRY

MANUFACTURING

CUSTOMER CONSIDERATIONS

- Will the gloves prevent injuries from cuts, scrapes, and chemicals?
- How long will the gloves last?
- Will workers feel comfortable wearing the gloves?

moving them from one area of the facility to another. This process exposed workers to hand injuries from sharp edges and pinch points. Workers were either using basic cotton gloves that provided inadequate protection or, in some cases, no gloves at all.





CHEMICAL CLEANING - Finished tubs needed to be cleaned before shipping. This involved potent chemicals that could harm customers and workers alike. For this, workers used thin disposable nitrile gloves that only lasted 30 minutes. Workers would have to frequently stop and get a new pair, which slowed the line and lowered overall efficiency.



SOLUTION

Seeking a better solution, the customer enlisted the aid of Mechanix Wear. Mechanix Wear’s safety experts conducted an on-site assessment of the facility and determined that a multi-pronged approach was ideal.

Workers were provided with three types of gloves, each designed to protect against specific hazards:

Hazard	Solution	Protection Offered
Abrasive Surfaces	 SpeedKnit™ S1DC05	 Ansi A4 Abrasion
Sharp Edges + Pinch Points	 SpeedKnit™ S2EP33	 Ansi A3 Cut Resistance
Chemical Burns + Irritation	 6 Mil Heavy-Duty Nitrile	 Chemical Resistant + Waterproof

USER FEEDBACK

The switch to Mechanix Wear gloves had an immediate and tangible effect on worker safety. Team members who previously relied on frail cotton gloves (or no PPE whatsoever) could now rely on effective hand protection that was reliable, effective, and comfortable enough to wear all day without discomfort. The SpeedKnit’s dexterity didn’t compromise their work in the slightest, allowing them to improve the pace of work.

The workers cleaning the bathtubs saw an even more dramatic improvement. A single pair of Mechanix Wear nitrile gloves could last as much as 2 hours before needing to be replaced—quadrupling the wear time compared to their old nitrile gloves. Workers could stay focused on their tasks for longer and not have to worry about their gloves getting eaten or scraped through.

SUMMARY

Multiple glove options tailored for specific tasks

- 4x durability
- Comprehensive protection against multiple hazards
- Increased worker compliance and safety



ARE YOU ON THE RIGHT TRACK?

JOIN AN ELITE GROUP OF COMPANIES WHO HAVE SWITCHED TO THE TRACK PROGRAM, TO TAKE CONTROL OF YOUR SAFETY AND COSTS.

- ✓ PRODUCT SAMPLES FOR TRIALS
- ✓ EXPERT JOB SITE ASSESSMENT
- ✓ DETAILED REPORT WITH PPE RECOMMENDATIONS

SIGN UP NOW!