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DuPont TK555TLYLG00

DuPont Tychem TK555TLYLG00 Level A Chemical Protection Suit User Manual

Brand: DuPont | Model: TK555TLYLG00

INTRODUCTION

This manual provides essential instructions for the safe and effective use, maintenance, and storage of the DuPont Tychem TK555TLYLG00 Encapsulated Level A Chemical Protection Suit. This suit is designed to offer maximum protection against hazardous chemicals, gases, and vapors. Adherence to these instructions is critical for user safety and product integrity.

Product Overview



This image displays the complete DuPont Tychem TK Encapsulated Level A Chemical Protection Suit. The suit is lime yellow, fully encapsulating the wearer, and features an integrated hood with a clear faceshield, attached gloves, and

attached socks. The overall design is for maximum protection against hazardous chemicals.

SETUP AND PRE-USE PROCEDURES

Before donning the DuPont Tychem TK555TLYLG00 suit, ensure all components are present and in good condition. Proper preparation is crucial for effective protection.

1. Pre-Use Inspection

- Inspect the suit for any tears, punctures, or damage to the fabric, seams, faceshield, gloves, and socks.
- Verify that the rear zipper operates smoothly and the protective flap is intact.
- Check the two exhaust vents for obstructions or damage.
- Ensure the attached gloves and socks are securely sealed to the suit.
- Confirm the faceshield is clear and free from scratches that could impair vision.

2. Sizing and Fit

Select the correct size (Large for this model) to ensure a proper fit, which is essential for mobility and protection. Refer to the [DuPont size guide](#) for detailed measurements if available.

3. Donning Assistance

Donning a Level A encapsulated suit typically requires assistance from trained personnel to ensure correct and secure closure.

OPERATING AND USAGE GUIDELINES

Follow these guidelines for safe operation and maximum protection while wearing the Tychem TK555TLYLG00 suit.

1. Donning Procedure

1. Ensure all personal protective equipment (PPE) required underneath the suit is worn.
2. Step into the suit, guiding feet into the attached socks.
3. Insert arms into the attached gloves.
4. Pull the hood over the head, ensuring the faceshield is positioned correctly for clear vision.
5. Have an assistant close the rear zipper completely and secure the protective flap.
6. Perform a final visual check for any unsecured areas or potential breaches.

2. During Use

- Maintain awareness of your surroundings and potential hazards.
- Avoid sharp objects or abrasive surfaces that could compromise the suit's integrity.
- Monitor the internal environment and ensure the exhaust vents are functioning to prevent over-pressurization.
- Communicate regularly with your team, especially if using two-way communication devices inside the suit.

3. Doffing Procedure

Doffing must be performed in a designated decontamination area with trained assistance to prevent

contamination spread.

1. Undergo initial gross decontamination while still wearing the suit.
2. With assistance, carefully open the rear zipper and remove the suit, turning it inside out to contain contaminants.
3. Dispose of the suit according to local regulations for hazardous waste.

MAINTENANCE AND STORAGE

Proper maintenance and storage are essential for preserving the integrity and protective capabilities of the suit.

1. Cleaning

- The Tychem TK555TLYLG00 suit is typically designed for single use in hazardous environments. If decontamination for reuse is considered, follow strict manufacturer guidelines and relevant safety protocols.
- For non-hazardous cleaning, use mild soap and water. Avoid harsh chemicals or abrasive cleaners that could degrade the suit material.
- Rinse thoroughly and allow to air dry completely before storage.

2. Inspection After Use

After each use, conduct a thorough inspection for any signs of damage, wear, or chemical degradation. Any damage compromises the suit's protective barrier, rendering it unsuitable for further use in hazardous environments.

3. Storage

- Store the suit in a cool, dry place away from direct sunlight, extreme temperatures, and sources of ozone.
- Keep the suit in its original packaging or a protective container to prevent physical damage.
- Avoid folding or creasing the suit tightly, which could create stress points in the material.

4. Disposal

Contaminated suits must be disposed of as hazardous waste in accordance with all applicable local, state, and federal regulations.

TROUBLESHOOTING

This section addresses common issues that may arise during the use of the chemical protection suit.

- **Issue: Suit integrity compromised (tear, puncture).**
Action: Immediately exit the hazardous area following emergency protocols. The suit's protective barrier is compromised, and it must not be used further.
- **Issue: Faceshield fogging.**
Action: Ensure proper ventilation and consider anti-fog treatments if compatible with the faceshield material. Maintain a calm breathing pattern.
- **Issue: Difficulty with zipper operation.**
Action: Do not force the zipper. Ensure the zipper path is clear of fabric. If the zipper is damaged, the suit's integrity is compromised.

- **Issue: Restricted movement or discomfort.**

Action: This may indicate incorrect sizing or improper donning. Ensure the suit is the correct size and worn as instructed.

SPECIFICATIONS

Feature	Detail
Brand	DuPont
Model Number	TK555TLYLG00 (ARAS-DPPTK555TLYLG00)
Product Type	Encapsulated Level A Chemical Protection Suit
Material	Tychem TK, 25 mil
Color	Lime Yellow
Size	Large
Features	Hood, Faceshield, Rear Zipper, Attached Gloves, Attached Socks, Outer Boot Suit, Flaps Expanded Back, Two Exhaust Vents
Product Dimensions	1 x 1 x 1 inches; 1 Pounds (Shipping dimensions, actual suit dimensions vary by size)
Manufacturer	Dupont Personal Protection
ASIN	B009MUJR30
Date First Available	February 26, 2012

WARRANTY INFORMATION

Specific warranty details for the DuPont Tychem TK555TLYLG00 suit are not provided in this manual. For comprehensive warranty information, please contact DuPont Personal Protection directly or refer to the documentation included with your purchase.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or further support regarding your DuPont Tychem TK555TLYLG00 Chemical Protection Suit, please contact:

Manufacturer: Dupont Personal Protection

Online Store: Visit the [DuPont Store on Amazon](#)

Refer to the contact information provided on the product packaging or the official DuPont website for direct support channels.

