



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-EIGHTH MEETING

Virtual, 15 to 19 November 2021

Agenda Item 2: Managing air-specific safety risks and identifying anomalies (Ref: REC A DGS 2023)

2.2: Develop proposals, if necessary, for amendments to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284) for incorporation in the 2023-2024 Edition

REVISION TO INNER PACKAGING MATERIAL OF POLYESTER RESIN KIT

(Presented by P. Guo)

SUMMARY

This working paper proposes replace “Base liquid material” in Packing Instructions 370 and Y370 with “Liquid base material” and “Base liquid material” in Packing Instructions 450 and Y450 with “Solid base material”.

Action by the DGP: The DGP is invited to consider the amendments shown in the appendix to this working paper.

1. INTRODUCTION

1.1 UN 3527— **Polyester resin kit**, solid base material and Packing Instructions 450 and Y450 were added to the 2017-2018 Edition of the Technical Instructions. Packing Instructions 450 and Y450 apply only to UN 3527.

1.2 Packing Instructions 450 and Y450 set inner packaging quantity limits for the base liquid material, the liquid activator, and the solid activator. However, UN 3527 is a solid base material, not a base liquid material.

1.3 There is also no description for base liquid material in Packaging Instruction P412 of the UN Model Regulations (22nd Edition).

1.4 Packaging Instructions 370 and Y370 apply to UN 3269 — **Polyester resin kit**, liquid base material. For the sake of consistency with the Technical Instructions, it is recommended that the term “base liquid material” in Packaging Instructions 370 and Y370 be replaced with “liquid base material”.

2. **ACTION BY THE DGP**

2.1 The DGP is invited to consider the amendments shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 4 OF THE TECHNICAL INSTRUCTIONS

Part 4

PACKING INSTRUCTIONS

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Chapter 5

CLASS 3 — FLAMMABLE LIQUIDS

5.1 PACKING INSTRUCTIONS

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COMBINATION PACKAGINGS							SINGLE PACKAGINGS
<i>Packing conditions</i>	<i>Inner packaging (see 6;3.2)</i>	<i>Inner packaging quantity (per receptacle) — for liquid base liquid-material</i>	<i>Inner packaging quantity (per receptacle) — for liquid activator</i>	<i>Inner packaging quantity (per receptacle) — for solid activator</i>	<i>Total quantity per package</i>		
Packing Instruction 370 Passenger and cargo aircraft for UN 3269 (Packing Group II or III) only ...							
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COMBINATION PACKAGINGS							SINGLE PACKAGINGS
<i>Packing conditions</i>	<i>Inner packaging (see 6;3.2)</i>	<i>Inner packaging quantity (per receptacle) — for liquid base liquid-material</i>	<i>Inner packaging quantity (per receptacle) — for liquid activator</i>	<i>Inner packaging quantity (per receptacle) — for solid activator</i>	<i>Total quantity per package</i>		
Packing Instruction Y370 Limited quantities Passenger and cargo aircraft for UN 3269 (Packing Group II or III) only ...							
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Packing Instruction 450

Passenger and cargo aircraft for UN 3527 (Packing Group II or III) only

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COMBINATION PACKAGINGS						SINGLE PACKAGINGS
<i>Packing conditions</i>	<i>Inner packaging (see 6;3.2)</i>	<i>Inner packaging quantity (per receptacle) — for solid base liquid-material</i>	<i>Inner packaging quantity (per receptacle) — for liquid activator</i>	<i>Inner packaging quantity (per receptacle) — for solid activator</i>	<i>Total quantity per package</i>	

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Packing Instruction Y450

Limited quantities

Passenger and cargo aircraft for UN 3527 (Packing Group II or III) only

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COMBINATION PACKAGINGS						SINGLE PACKAGINGS
<i>Packing conditions</i>	<i>Inner packaging (see 6;3.2)</i>	<i>Inner packaging quantity (per receptacle) — for solid base liquid-material</i>	<i>Inner packaging quantity (per receptacle) — for liquid activator</i>	<i>Inner packaging quantity (per receptacle) — for solid activator</i>	<i>Total quantity per package</i>	

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