How to Ship Aerosols

STEP 1
DETERMINE THE TYPE OF AEROSOL THAT YOU WOULD LIKE TO SHIP AND CLICK ON THE HAZMAT LABEL ICON ON PG 2.

Before any aerosol container can be shipped, it must be shipped in a DOT approved container. The shipper can easily identify a DOT approved container by looking for the DOT approval type along the lower sidewall.

This guidance does not replace any regulation and is not considered training.
This document is for general guidance only and does not create any legally-enforceable rights or obligations.
If your aerosol is...

Corrosive
(each container must not exceed 1 L capacity)

Flammable
(each container must not exceed 1 L capacity)

Non-Flammable
(each container must not exceed 1 L capacity)

Poison
(each container must not exceed 1 L capacity)

Flammable, n.o.s. (engine starting fluid)
(each container must not exceed 1 L capacity)
STEP 2
DETERMINE THE AGGREGATE WEIGHT OF THE AEROSOL(S) THAT YOU WOULD LIKE TO SHIP AND CLICK ON APPROPRIATE LINK:

The aggregate weight of your corrosive aerosol(s) is $\leq 75$ kg
*THIS QUANTITY CAN BE SHIPPED ON PASSENGER OR CARGO AIRCRAFT

The aggregate weight of your corrosive aerosol(s) is $> 75 \leq 150$ kg
*THIS QUANTITY CAN ONLY BE SHIPPED ON CARGO AIRCRAFT

The aggregate weight of your corrosive aerosol(s) is $> 150$ kg
STEP 2
DETERMINE THE AGGREGATE WEIGHT OF THE AEROSOL(S) THAT YOU WOULD LIKE TO SHIP AND CLICK ON APPROPRIATE LINK:

The aggregate weight of your flammable aerosol(s) is \( \leq 75 \text{ kg} \)
*THIS QUANTITY CAN BE SHIPPED ON PASSENGER OR CARGO AIRCRAFT

The aggregate weight of your flammable aerosol(s) is \( > 75 \leq 150 \text{ kg} \)
*THIS QUANTITY CAN ONLY BE SHIPPED ON CARGO AIRCRAFT

The aggregate weight of your flammable aerosol(s) is \( > 150 \text{ kg} \)
STEP 2
DETERMINE THE AGGREGATE WEIGHT OF THE AEROSOL(S) THAT YOU WOULD LIKE TO SHIP AND CLICK ON APPROPRIATE LINK:

The aggregate weight of your non-flammable aerosol(s) is $\leq 75$ kg
*THIS QUANTITY CAN BE SHIPPED ON PASSENGER OR CARGO AIRCRAFT

The aggregate weight of your non-flammable aerosol(s) is $> 75 \leq 150$ kg
*THIS QUANTITY CAN ONLY BE SHIPPED ON CARGO AIRCRAFT

The aggregate weight of your non-flammable aerosol(s) is $> 150$ kg
STOP!!! You are forbidden to ship this product by passenger aircraft.

STOP!!! You are forbidden to ship this product by cargo aircraft.
STOP!!! You are forbidden to ship this product by passenger aircraft.
STEP 2
DO YOU PLAN TO SHIP THIS ITEM BY:

PASSENGER AIRCRAFT

OR...

CARGO AIRCRAFT
You may ship a total of 150kg by cargo air.

I acknowledge that these items are forbidden on passenger aircraft.
STEP 3
Prepare a **Shippers Declaration**

- **Shipper's information**
- **Recipient's information**
- Indication of shipping mode, Cargo or Passenger Aircraft
- **Airport of destination**
- **HAZMAT name, classification, packaging information**
- **Emergency contact information**

Source: TRANSCOM.
STEP 3
Prepare a **Shippers Declaration**

Indication of shipping mode, Cargo or Passenger Aircraft

Airport of destination

HAZMAT name, classification, packaging information

Emergency contact information

**Source:** TRANSCOM.
STEP 4 Package your aerosol(s):

1. TO PROTECT AEROSOLS FROM DAMAGE. CUSHIONING MATERIAL MUST BE USED TO PROTECT AND SECURE AEROSOL CAN(S).

2. PROTECT AEROSOL CAN(S) BY WRAPPING THE CAN(S) IN A CUSHIONING MATERIAL SUCH AS BUBBLE WRAP. THE RELEASE VALVE CAP MUST BE SECURELY FASTENED IN PLACE OVER THE RELEASE VALVE TO PROTECT AGAINST ACCIDENTAL RELEASE OF COMPRESSED GASES.

3. PLACE PROTECTED AEROSOL CAN(S) IN A FIBERBOARD BOX.

4. Next

![Orientation Marking]

5. LABEL THE PACKAGE: YOU MUST PLACE A NON-FLAMMABLE GAS AND CORROSIVE LABEL ON THE PACKAGE.

![Non-Flammable Gas and Corrosive Labels]
Completed Package

- **SHIPPER/CONSIGNEE NAME AND ADDRESS**
- **HAZARD LABELS**
- **TO:**
- **FROM:**
- **UN 1950, Aerosols, corrosive**
- **PROPER SHIPPING NAME & UN ID**
- **SHIPPER'S DECLARATION**
- **Orientation arrows for liquids**
STEP 4  Package your aerosol(s):

1. TO PROTECT AEROSOLS FROM DAMAGE. CUSHIONING MATERIAL MUST BE USED TO PROTECT AND SECURE AEROSOL CAN(S).

2. PROTECT AEROSOL CAN(S) BY WRAPPING THE CAN(S) IN A CUSHIONING MATERIAL SUCH AS BUBBLE WRAP. THE RELEASE VALVE CAP MUST BE SECURELY FASTENED IN PLACE OVER THE RELEASE VALVE TO PROTECT AGAINST ACCIDENTAL RELEASE OF COMPRESSED GASES.

3. PLACE PROTECTED AEROSOL CAN(S) IN A FIBERBOARD BOX.

4. Next
4. MARK THE PACKAGE: HAZMAT ORIENTATION MARKING ARE REQUIRED WHEN THE AEROSOL CONTAINS A LIQUIDS AS WELL AS THE PROPER SHIPPING NAME, AND UN ID NUMBER CONSIGNEE / CONSIGNOR NAME AND ADDRESS.

5. LABEL THE PACKAGE: YOU MUST PLACE A NON-FLAMMABLE GAS, CORROSIVE AND CARGO AIRCRAFT ONLY LABEL ON THE PACKAGE.
Completed Package

- Shipper/Consignee Name and Address
- Proper Shipping Name & UN ID
- Hazard Labels
- Orientation arrows for liquids (two opposing sides)
- Shipper’s Declaration

UN 1950, Aerosols, corrosive
STEP 3
Prepare a Shippers Declaration

Indication of shipping mode, Cargo or Passenger Aircraft

Airport of destination

HAZMAT name, classification, packaging information

Emergency contact information

Source: TRANSCOM.
**STEP 3**
Prepare a **Shippers Declaration**

**Indication of shipping mode, Cargo or Passenger Aircraft**

<table>
<thead>
<tr>
<th><strong>Shipper's information</strong></th>
<th><strong>Recipient's information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAFFIC MANAGEMENT FLIGHT</td>
<td>TRAFFIC MANAGEMENT FLIGHT</td>
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<tr>
<td>5236 CHASE ST</td>
<td>5236 CHASE ST</td>
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<tr>
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<td>WRIGHT PATTERSON AFB, OH</td>
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<td>45433-5501</td>
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<tr>
<td>PHONE NUMBER: (793) 257-4409</td>
<td>PHONE NUMBER: (793) 257-4409</td>
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<td>DSN: 787-4409</td>
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<table>
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<tr>
<th><strong>Person Responsible for Shipment:</strong></th>
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<tbody>
<tr>
<td>Indication of shipping mode, Cargo or Passenger Aircraft</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Airport of destination</strong></th>
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<tbody>
<tr>
<td>RAMSTEIN AB, GERMANY</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HAZMAT name, classification, packaging information</strong></th>
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<tbody>
<tr>
<td>Cartridges for Weapons</td>
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</tbody>
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<table>
<thead>
<tr>
<th><strong>Emergency contact information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Telephone Number (703) 697-0218/0219</td>
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</tbody>
</table>

**Source:** TRANSCOM.
STEP 4 Package your aerosol(s):

1. TO PROTECT AEROSOLS FROM DAMAGE. CUSHIONING MATERIAL MUST BE USED TO PROTECT AND SECURE AEROSOL CAN(S).

2. PROTECT AEROSOL CAN(S) BY WRAPPING THE CAN(S) IN A CUSHIONING MATERIAL SUCH AS BUBBLE WRAP. THE RELEASE VALVE CAP MUST BE SECURELY FASTENED IN PLACE OVER THE RELEASE VALVE TO PROTECT AGAINST ACCIDENTAL RELEASE OF COMPRESSED GASES.

3. PLACE PROTECTED AEROSOL CAN(S) IN A FIBERBOARD BOX.

4. Next
4. MARK THE PACKAGE: HAZMAT ORIENTATION MARKING ARE REQUIRED WHEN THE AEROSOL CONTAINS A LIQUIDS AS WELL AS THE PROPER SHIPPING NAME, AND UN ID NUMBER CONSIGNEE / CONSIGNOR NAME AND ADDRESS.

5. LABEL THE PACKAGE: YOU MUST PLACE A FLAMMABLE GAS LABEL ON THE PACKAGE.
Completed Package

- **SHIPPER/CONSIGNEE NAME AND ADDRESS**
- **HAZARD LABELS**
- **UN 1950, Aerosols, Flammable**
- **Orientation arrows for liquids**
- **PROPER SHIPPING NAME & UN ID**
- **SHIPPER’S DECLARATION**
### STEP 3
Prepare a **Shippers Declaration**

<table>
<thead>
<tr>
<th>Shipper’s information</th>
<th>Recipient’s information</th>
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<tr>
<td>TRAFFIC MANAGEMENT FLIGHT</td>
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<td>Wright Patterson AF</td>
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<tr>
<td>OH 45433-5501</td>
<td></td>
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<tr>
<td>Phone Number: (793) 257-4409</td>
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<tr>
<td>DSN: 787-4409</td>
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<tr>
<td>Cntr: FB 5612</td>
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<td>Ramstein AB, Germany</td>
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**Indication of shipping mode,**
Cargo or Passenger Aircraft

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**HAZMAT name, classification, packaging information**

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<tr>
<th>UN323</th>
<th>Cartridges for Weapons</th>
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<td>1.2.1E</td>
<td>II 1 Wooden pallet</td>
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<tr>
<td>221.467 KG</td>
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</table>

**Emergency contact information**

<table>
<thead>
<tr>
<th>Emergency Telephone Number</th>
<th>(703) 697-0218/0219</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name/Title of Signatory</td>
<td>George Jones</td>
</tr>
<tr>
<td>Plane/Date</td>
<td>WP AFBD OH 45433 3 Jan 2011</td>
</tr>
<tr>
<td>Signature</td>
<td>(in case of absence)</td>
</tr>
</tbody>
</table>

Source: TRANSCOM.
STEP 3
Prepare a **Shippers Declaration**

- **Shipper’s information**
- **Recipient’s information**
- Indication of shipping mode, Cargo or Passenger Aircraft
- **Airport of destination**
- **HAZMAT name, classification, packaging information**
- **Emergency contact information**

Source: TRANSCOM.
STEP 4  Package your aerosol(s):

1. TO PROTECT AEROSOLS FROM DAMAGE. CUSHIONING MATERIAL MUST BE USED TO PROTECT AND SECURE AEROSOL CAN(S).

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3. PLACE PROTECTED AEROSOL CAN(S) IN A FIBERBOARD BOX.

4. Next
4. MARK THE PACKAGE: HAZMAT ORIENTATION MARKING ARE REQUIRED WHEN THE AEROSOL CONTAINS A LIQUIDS AS WELL AS THE PROPER SHIPPING NAME, AND UN ID NUMBER CONSIGNEE / CONSIGNOR NAME AND ADDRESS.

5. LABEL THE PACKAGE: YOU MUST PLACE A NON-FLAMMABLE GAS LABEL ON THE PACKAGE.
Completed Package

- **Shipper/Consignee Name and Address**
- **Proper Shipping Name & UN ID**
- **Hazard Labels**
- **Shipper's Declaration**
- **Orientation arrows for liquids**

**UN 1950, Aerosols, non-flammable**
STEP 4  Package your aerosol(s):

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5. LABEL THE PACKAGE: YOU MUST PLACE A NON-FLAMMABLE GAS AND CARGO AIRCRAFT ONLY LABEL ON THE PACKAGE.
Completed Package

UN 1950, Aerosols, non-flammable

- **SHIPPER/CONSIGNEE NAME AND ADDRESS**
- **Hazard Labels**
- **Proper Shipping Name & UN ID**
- **Orientation arrows for liquids (two opposing sides)**
- **Shipper’s Declaration**
**STEP 3**
Prepare a **Shippers Declaration**

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WRIGHT PATTERSON AFB, OH 45433-5501  
PHONE NUMBER: (793) 257-4409  
DSN: 787-4409 | FOB 5612  
435 ABW LRS  
RAMSTEIN AB, GERMANY |

**TRANSPORT DETAILS**
- This shipment is within the limitations prescribed for air transport.
- Airport of Departure: DOV  
DOVER AFB, DE

**HAZMAT**
- Name: Cartridges for Weapons
- UN No: 3020
- Quantity: 1 Wooden pallet
- Weight: 221.467 KG

**Additional Handling Information**
- Emergency Telephone Number: (703) 697-0218/0219

**Indication of shipping mode, Cargo or Passenger Aircraft**

**Airport of destination**
- RAMSTEIN AB, GERMANY

**Source:** TRANSCOM.
STEP 3
Prepare a **Shippers Declaration**

- **Shipper’s information**
- **Recipient’s information**
- **Indication of shipping mode**, **Cargo or Passenger Aircraft**
- **Airport of destination**
- **HAZMAT name, classification, packaging information**
- **Emergency contact information**

![Image of Shippers Declaration form with highlighted sections](image-url)

**Source:** TRANSCOM.
STEP 4  Package your aerosol(s):

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4. Next

5. LABEL THE PACKAGE: YOU MUST PLACE A FLAMMABLE GAS AND CARGO AIRCRAFT ONLY LABEL ON THE PACKAGE.
4. MARK THE PACKAGE: HAZMAT ORIENTATION MARKING ARE REQUIRED WHEN THE AEROSOL CONTAINS A LIQUIDS AS WELL AS THE PROPER SHIPPING NAME, AND UN ID NUMBER CONSIGNEE / CONSIGNOR NAME AND ADDRESS.

![Image of orientation marking]

5. LABEL THE PACKAGE: YOU MUST PLACE A FLAMMABLE GAS AND CARGO AIRCRAFT ONLY LABEL ON THE PACKAGE.

![Image of flammable gas and cargo aircraft only labels]
Completed Package

- Shipper/Consignee Name and Address
- Proper Shipping Name & UN ID
- Hazard Labels
- Shipper’s Declaration
- Orientation arrows for liquids
- UN 1950, Aerosols, Flammable
Completed Package

- **SHIPPER/CONSIGNEE NAME AND ADDRESS**
- **HAZARD LABELS**
- **UN 1950, Aerosols, Flammable, n.o.s.**
- **TO: FROM:**
- **PROPER SHIPPING NAME & UN ID**
- **SHIPPER’S DECLARATION**
- **Orientation arrows for liquids**