



U.S. Department of Transportation
Research and Special Programs Administration

Hazardous Materials Incident Report

Form Approval OMB No. 3137-0039

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filling out of this information is mandatory and will take 96 minutes to complete.

INSTRUCTIONS

Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DHM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Website at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

PART I - REPORT TYPE

1. Incident Id: E-2025010052

2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
12/07/2024

4. Time of Incident (use 24-hour time):
22:45

5. Enter National Response Center Report Number
(if applicable):

6. If you submitted a report to another Federal DOT agency, enter
the agency and report number:

7. Location of Incident:

City: MEMPHIS
County: SHELBY
State: TN

Zip Code: (if known): 38109

Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
2385 Riverport Road

8. Mode of Transportation: Highway

9. Transportation Phase: Unloading

10. Carrier/Reporter:

Name: HONEYWELL INTERNATIONAL INC.
Street: 5525 HIGHWAY 3115
City: GEISMAR
State: LA
Zip Code: 70734-3412

Federal DOT Id Number: 298030

Hazmat Registration Number: 052323550078FH

11. Shipper/Officer:

Name: HONEYWELL INTERNATIONAL INC.
Street: 5525 HIGHWAY 3115
City: GEISMAR
State: LA
Zip Code: 70734-3412

Waybill/Shipping Paper: 88440570

Hazmat Registration Number: 052323550078FH

12. Origin (if different from shipper address)

Street:
City:
State:
Zip Code:

13. Destination:

Street: 2385 Riverport Road
City: MEMPHIS
State: TN
Zip Code: 38109

14. Proper Shipping Name of Hazardous Material: HYDROGEN FLUORIDE, ANHYDROUS

15. Technical/Trade Name:

16. Hazardous Class/Division: Corrosive Material

17. Identification Number: (E.g. UN2764, NA 2020) UN1052

18. **Packing Group:** (if applicable) I

19. **Quantity Released:** (Include Measurement Units) 0.5 Liquid - Pound

20. **Was the material shipped as a hazardous waste?** False
If yes, provide the EPA Manifest Number:

21. **Is this a Toxic by Inhalation (TIH) material?** True
If yes, provide the Hazard Zone: C

22. **Was the material shipped under an Exemption, Approval, or Competent Authority Certificate?** False
If yes, provide the Exemption, Approval, or CA number:

23. **Was this an undeclared hazardous materials shipment?** False

PART III - PACKAGING INFORMATION

24. **Check Packaging Type (check only one - if more than one, list type of packaging, copy Part III, and complete for each type:**
Cargo Tank Motor Vehicle (CTMV)

25. **See instructions and enter the appropriate failure codes found at the end of the instructions. Be sure to enter the codes from the list that corresponds to the particular packaging type checked above. Enter the number of codes as appropriate to describe the incident.**
Enter the most important failure point in line 1. If there are more than two failure points, provide in this format in part VI.

What Failed: - 121-Gasket
How Failed: - 306-Failed to Operate
Causes of Failure: - Misaligned Material, Component, or Device

26a. **Provide the packaging identification markings, if available.**

Identification Markings: DOT 412

(Examples: 1A1/Y1.4/150/92/USA/RB/93/RL, UN31H1/Y0493/USA/M9339/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT 51, DOT 3-A)

26b. **For Non-bulk, IBC, or non-specification packaging, if identification markings are incomplete or unavailable, see instructions and complete the following:**

Single Package or Outer Packaging:	Single Package or Inner Packaging (if any):
Packaging Type: Material of Construction: Head Type (Drums only):	Packaging Type: Material of Construction:

27. **Describe the package capacity and the quantity:**

Single Package or Outer Packaging:	Single Package or Inner Packaging (if any):
Package Capacity: 4800 Liquid - Gallon Amount in Package: 30980 Liquid - Pound Number in Shipment: 1 Number Failed: 1	Package Capacity: Amount in Package: Number in Shipment: Number Failed:

28. **Provide packaging construction and test information, as appropriate:**

Manufacturer: Mississippi Tank Company Manufacture Date:
Serial Number: 56131 Last Test Date:
Material of Construction: SA240-316/316L (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: 150 PSI (if Tank Car, CTMV, Portable Tank)
Shell Thickness: 0.5 INCH (if Tank Car, CTMV, Portable Tank)
Head Thickness: 0.5 INCH (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type:
Model:
Manufacturer:

29. **If the packaging is for Radioactive Materials, complete the following:**

Packaging Category:
Packaging Certification:
Certification Number:
Nuclide(s) Present: Transport Index:
Activity:
Critical Safety Index:

PART IV – CONSEQUENCES

30. Result of Incident (check all that apply):

- Spillage:
- Explosion:
- Vapor (Gas) Dispersion: True
- No Release: False
- Fire:
- Material Entered Waterway/Storm Sewer:
- Environmental Damage:

31. Emergency Response: The following entities responded to the incident: (Check all that apply)

- Fire/EMS Report #:
- Police Report #:
- In-house cleanup: True
- Other Cleanup:

32. Damages Was the total damage cost more than \$500? False

- If yes, enter the following information: (If no, go to question 33.)
- Material Loss: \$ 0.00
 - Carrier Damage: \$ 0.00
 - Property Damage: \$ 0.00
 - Response Cost: \$ 0.00
 - Remediation/Cleanup Cost: \$ 0.00
- (See damage definitions in the instructions)*

33a. Did the hazardous material cause or contribute to a human fatality? False

- If yes, enter the number of fatalities resulting from the hazardous material:
- Employees:
 - Responders:
 - General Public:

33b. Were there human fatalities that did not result from the hazardous material? False

If yes, how many?

34. Did the hazardous material cause or contribute to personal injury? False

If yes, enter the number of injuries resulting from the hazardous material:

Hospitalized (Admitted Only):

- Employees:
- Responders:
- General Public:

Non-Hospitalized:

(e.g.: On site first aid or Emergency Room observation and release)

- Employees:
- Responders:
- General Public:

35. Did the hazardous material cause or contribute to an evacuation? False

If yes, provide the following information:

- Total number of general public evacuated:
- Total number of employees evacuated:
- Total evacuated: 0
- Duration of the evacuation:

36. Was a major transportation artery or facility closed? False

If yes, how many?

37. Was the material involved in a crash or derailment? False

If yes, provide the following information:

- Estimated speed (mph):
- Weather conditions:
- Vehicle overturned?
- Vehicle left roadway/track?

PART V - AIR INCIDENT INFORMATION (please refer to S 175.31 to report a discrepancy for air shipments)

38. Was the shipment on a passenger aircraft?

If yes, was it tendered as cargo, or as passenger baggage?

39. Where did the incident occur (if unknown, check the appropriate box for the location where the incident was discovered)?

40. What phase(s) had the shipment already undergone prior to the incident? (Check all that apply)

- Shipment had not been transported
- Transported by air (first flight)
- Transport by air (subsequent flights)
- Initial transport by highway to cargo facility
- Transfer at sort center/cargo facility

PART VI - DESCRIPTION OF EVENTS & PACKAGE FAILURE

- Describe the sequence of events that led to the incident and the actions taken at the time it was discovered. Describe the package failure, including the size and location of holes, cracks, etc. Photographs and diagrams should be submitted if needed for clarification. Estimate the duration of the release, if possible. Describe what was done to mitigate the effects of the release. Continue on additional sheets if necessary.

Describe:

Team was conducting an HF anhydrous offload. Immediately after establishing flow, team noticed HF coming from top of offload line connection. Team immediately pressed E-stop and blocked in the nitrogen. The operator activated the safety mitigation system. After the mitigation system was deactivated, the line was swept, new gasket installed, leak check performed, and product was safely offloaded.

PART VII - RECOMMENDATIONS/ACTIONS TAKEN TO PREVENT RECURRENCE

- Where you are able to do so, suggest or describe changes (such as additional training, use of better packaging, or improved operating procedures) to help prevent recurrence. Provide recommendations for improvement to hazardous materials transportation beyond the control of your individual company. Continue on additional sheets if necessary.

Describe:

Require drivers to go through flange makeup training annually. Develop flange makeup training as part of a training module. Discuss issues with requirements for customers maintaining equipment.

PART VIII – CONTACT INFORMATION

Contact's Name:	Matthew Houston
Contact's Title:	ESS Americas DG Compliance Leader
Business Name and Address:	HONEYWELL INTERNATIONAL INC. 115 Tabor Road Morris Plains NJ 07950
E-mail Address:	matthew.houston2@honeywell.com
Telephone Number:	(973)455-2308
Fax Number:	
Hazmat Registration Number:	052323550078FH
Date:	01/03/2025
Preparer is:	Carrier