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-2021050166
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
05/09/2021

4. Time of Incident (use 24-hour time):
16:30

5. Enter National Response Center Report Number (if applicable):
1304643

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

7. Location of Incident:
City: FRANKLIN
County: HEARD
State: GA
Zip Code: (if known): 30217
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
I-85 North

8. Mode of Transportation: Highway

9. Transportation Phase: In Transit

10. Carrier/Reporter:
Name: HIGHWAY TRANSPORT CHEMICAL, LLC
Street: 1500 AMHERST RD
City: KNOXVILLE
State: TN
Zip Code: 37909-1203
Federal DOT Id Number: 41216
Hazmat Registration Number:

11. Shipper/Offeror:
Name: ARKEMA INC.
Street: 9502B BAYPORT BLVD B
City: PASADENA
State: TX
Zip Code: 77507-1402
Waybill/Shipping Paper: 3101936777
Hazmat Registration Number:

12. Origin (if different from shipper address)
Street: 465 Old Pelzer Road
City: PIEDMONT
State: SC
Zip Code: 29673

13. Destination:
Street: 465 Old Pelzer Road
City: PIEDMONT
State: SC
Zip Code: 29673

14. Proper Shipping Name of Hazardous Material: METHYL ACRYLATE, STABILIZED

15. Technical/Trade Name: Norsocryl methyl acrylate

16. Hazardous Class/Division: Flammable - Combustible Liquid

17. Identification Number: (E.g. UN2764, NA 2020) UN1919

18. Packing Group: (if applicable) II

19. Quantity Released: (Include Measurement Units) 675 Liquid - Gallon

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? False
If yes, provide the Hazard Zone:

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: -
How Failed: -
Causes of Failure: -

26a. Provide the packaging identification markings, if available.
Identification Markings: 21850
(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:	Packaging Type:
Material of Construction:	Material of Construction:
Head Type (Drums only):	

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:		**Single Package or Inner Packaging (if any):**
Package Capacity:	6500 Liquid - Gallon	Package Capacity:
Amount in Package:	44800 Liquid - Pound	Amount in Package:
Number in Shipment:	1	Number in Shipment:
Number Failed:		Number Failed:

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

Manufacturer: Manufacture Date:
Serial Number: Last Test Date:
Material of Construction: (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: (if Tank Car, CTMV, Portable Tank)
Shell Thickness: (if Tank Car, CTMV, Portable Tank)
Head Thickness: (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:	True	- Fire:	False
- Explosion:	False	- Material Entered Waterway/Storm Sewer:	False
- Vapor (Gas) Dispersion:	False	- Environmental Damage:	True
- No Release:	False		

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

Fire/EMS Report #:	True
Police Report #:	True C000759091
In-house cleanup:	False
Other Cleanup:	True

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

If yes, enter the following information: (If no, go to question 33.)

Material Loss:	$ 1,300.00
Carrier Damage:	$ 140,000.00
Property Damage:	$ 25,000.00
Response Cost:	$ 60,000.00
Remediation/Cleanup Cost:	$ 15,000.00

(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? True

If yes, provide the following information:

Total number of general public evacuated:	10
Total number of employees evacuated:	5
Total evacuated:	15
Duration of the evacuation:	2

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

If yes, how many? 5

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:

Highway Transport was traveling north on I-85 when he came upon traffic stopped in both lanes on the interstate. As HT driver attempted to brake V-1 came across from far left lane to the shoulder attempting to stop but was unable to stop before entering onto the right shoulder. V-2 (HT) trying to avoid V-1 went to the right shoulder and then into the median resulting in CMV laying over on its side.

Once the trailer came to rest on it's right side, product pushing against the 4" pressure relief valve (PRV) mounted inside the crash box began to leak product. Once the product drained below the PRV it sealed and the leak stopped. We are unsure of the duration of the leak but it did stop. A dike was built to contain the product at the trailer placement.

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:

Driver has been interviewed as part of our internal investigation. Courses has been put in place for Complacency Training, Distracted Driving, and Safe Methods of Operating a Tank Truck. These course were established to provide our drivers with retaining and periodic training as needed.

I believe there are an enormous amount of training and regulations in place both federally and locally to transport hazardous materials in a safe manner. The only possible recommendation would be maybe enforcing stricter training on all hazmat drivers on all levels of the transportation industry. An example would be to shorten the Hazardous Materials test to maybe every six months instead of the current period.

PART VIII – CONTACT INFORMATION

Contact's Name:	Rick Lusby
Contact's Title:	VP of Safety & Quality
Business Name and Address:	HIGHWAY TRANSPORT CHEMICAL, LLC 1500 AMHERST RD KNOXVILLE TN 37909-1203
E-mail Address:	RLusby@hytt.com
Telephone Number:	(865)474-8010
Fax Number:	
Hazmat Registration Number:	052919550032BD
Date:	05/10/2021
Preparer is:	Carrier