

Section 1. Registration Information

Source Identification

Facility Name:	MPM Silicones, LLC
Parent Company #1 Name:	Momentive Performance Materials USA, Inc.
Submission Type:	Resubmission
Receipt Date:	February 2022

Facility Identification

Facility ID:	1000 0015 3656
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	2080034
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Facility Location Address

Street 1:	260 Hudson River Road
Street 2:	N/A
City:	Waterford
State:	NY
ZIP:	12188
ZIP4:	1921
County:	Saratoga

Facility Latitude and Longitude

Latitude (decimal):	42.815833
Longitude (decimal):	-073.666667

Local Emergency Planning Committee and Regulations

LEPC:	Saratoga County LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
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CAS Number:	75-78-5
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CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
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CAS Number:	75-77-4
Flammable/Toxic:	Toxic

Process NAICS

NAICS Code:	325199
NAICS Description:	All Other Basic Organic Chemical Manufacturing
NAICS Code:	32512
NAICS Description:	Industrial Gas Manufacturing
NAICS Code:	32519
NAICS Description:	Other Basic Organic Chemical Manufacturing
NAICS Code:	325211
NAICS Description:	Plastics Material and Resin Manufacturing

Section 6. Accident History

Accident History ID: Accident 1

Date of Accident:	March 2008
Time Accident Began (HH:MM):	10:31
NAICS Code of Process Involved:	325199
NAICS Description:	All Other Basic Organic Chemical Manufacturing
Release Duration:	006 Hours 30 Minutes

Release Event

Gas Release:	N/A
Liquid Spill/Evaporation:	Yes
Fire:	Yes
Explosion:	N/A
Uncontrolled/Runaway Reaction:	N/A

Release Source

Storage Vessel:	N/A
Piping:	Yes
Process Vessel:	N/A
Transfer Hose:	N/A
Valve:	Yes
Pump:	N/A
Joint:	Yes
Other Release Source:	N/A

Weather Conditions at the Time of Event

Wind Speed:	5.4
Units:	Miles/h
Direction:	NW
Temperature:	32
Atmospheric Stability Class:	F
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage (\$):	50000

Known Off-Site Impacts

Deaths:	0
Hospitalizations:	0
Public Deaths:	0
Other Medical Treatments:	0
Evacuated:	0
Sheltered-in-Place:	0
Off-Site Property Damage (\$):	0

Environmental Damage

Fish or Animal Kills:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	N/A

Initiating Event

Initiating Event:	Equipment Failure
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Contributing Factors

Equipment Failure:	Yes
Human Error:	N/A
Improper Procedures:	N/A
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	N/A
Maintenance Activity/Inactivity:	Yes
Process Design Failure:	Yes
Unsuitable Equipment:	N/A
Unusual Weather Condition:	N/A
Management Error:	N/A
Other Contributing Factor:	N/A

Off-Site Responders Notified

Off-Site Responders Notified:	Notified Only
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Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	Yes
Revised Maintenance:	Yes
Revised Training:	N/A
Revised Operating Procedures:	Yes
New Process Controls:	Yes
New Mitigation Systems:	N/A
Revised Emergency Response Plan:	N/A
Changed Process:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	N/A

Chemicals in Accident History

Quantity Released (lbs):	710
Percent Weight:	100
Chemical Name:	Hydrogen chloride (anhydrous) [Hydrochloric acid]
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Waterford Fire Department
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(518) 237-3341