

SHIPPERS Address		From CUD/OT Dt: 25/9	Receiver's Address		To : 2	No. of Pcs	
M/s. CSL			M/s. TRAPCB MS (Gowdy) Chennai			Kg	Gm
BOOKED BY TPC						CREDIT	
THE PROFESSIONAL COURIERS (DOMESTIC, INTERNATIONAL & CARGO) CUDDALORE Opposite to Dr.Sethu Nursing Home, No - 30 A, Appavu mudhali Street, Pudupalayam, CUDDALORE - 607 001. Ph : 04142 - 222267, 222268 Cell : 90809 05234		Received in good condition and Order		Sign. & Stamp.		Courier Charges	
				DATE :		IGST	
				TIME :		CGST	
						SGST	
						TOTAL	
CUD 1031105		1. Carrier's Liability is Limited to Rs.100/- only per consignment for any cause. 2. I declare that the consignment does not contain Cash, Jewellery & plain stamp paper Original Documents and Cell Phones. 3. The Consignment contains and value is Rs. 4. No Complaints/ Correspondence will be entertained if Cash is sent and lost. இந்த ஆவணத்தில் பணம் அல்லது மூலக்காக என் உறுதி அளிக்கிறேன் Shippers Signature					

SHIPPERS Address		From CUD/OT Dt: 25/9	Receiver's Address		To : 2	No. of Pcs	
M/s. CSL			M/s. Ministry of Environment Chennai 24			Kg	Gm
BOOKED BY TPC						CREDIT	
THE PROFESSIONAL COURIERS (DOMESTIC, INTERNATIONAL & CARGO) CUDDALORE Opposite to Dr.Sethu Nursing Home, No - 30 A, Appavu mudhali Street, Pudupalayam, CUDDALORE - 607 001. Ph : 04142 - 222267, 222268 Cell : 90809 05234		Received in good condition and Order		Sign. & Stamp.		Courier Charges	
				DATE :		IGST	
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						SGST	
						TOTAL	
CUD 1031106		1. Carrier's Liability is Limited to Rs.100/- only per consignment for any cause. 2. I declare that the consignment does not contain Cash, Jewellery & plain stamp paper Original Documents and Cell Phones. 3. The Consignment contains and value is Rs. 4. No Complaints/ Correspondence will be entertained if Cash is sent and lost. இந்த ஆவணத்தில் பணம் அல்லது மூலக்காக என் உறுதி அளிக்கிறேன் Shippers Signature					

FY-23-24
Form-V
Sep 25, 2024



Chemplast Sanmar Limited

CSL / CUD / ENV / 09 / 2024 / 002
September 25, 2024

To
The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Plot No A-3, SIPCOT Industrial Complex,
Kudikadu,
Cuddalore - 607 005

Paste PVC Plant:
SIPCOT Industrial Complex Phase-II
Semmankuppam Village Cuddalore 607005 India
Tel + 91 4142 202 010
E-mail: csl@sanmargroup.com
www.chemplastsanmar.com
CIN L24230TN1985PLC011637

Dear Madam,

Sub: Chemplast Sanmar Limited, Paste PVC Plant, SIPCOT Industrial Complex,
Cuddalore - Submission of Form V Environmental Statement 2023-2024 - Reg.


Ref: 1. Environment Clearance; EC No.: EC21A020TN119228, dated: 16/11/2021
2. Amended EC No.: EC23A2302TN5974279A, dated: 20/11/2023
3. Consent order No. 2404154060138, dated 18.01.2024 issued under Water Act
4. Consent order No. 2404254060138, dated 18.01.2024 issued under Air Act

We herewith enclosed the Environmental Statement - Form V for the year 2023 - 2024 under Rule 14 of the Environment (Protection) Rules 1989 for your perusal and records.

Thanking you and assuring our best co-operation at all times,

Yours faithfully,

For Chemplast Sanmar Limited,


G. Raguram
Assistant Vice President

Copy To: The Member Secretary
Tamil Nadu pollution Control Board,
76 Anna Salai, Guindy,
Chennai - 600032

Additional Chief Conservation of Forest
Ministry of Environment, Forest and Climate Change
Regional Office (SEZ)
1st and 2nd Floor, Handloom Export Promotion Council,
34 Cathedral Garden Road, Nungambakkam,
Chennai - 600034

Encl: As above

**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

FORM - V
(See Rule - 14)

**ENVIRONMENTAL STATEMENT REPORT FOR THE FINANCIAL YEAR ENDING
THE 31ST MARCH 2024**

PART - A

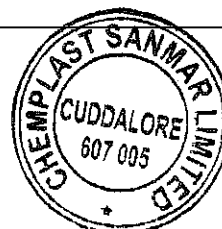
(i)	Name and address of the owner / occupier of the Industry operation or process.	Mr.Ramkumar Shankar Chemplast Sanmar Limited, Paste PVC Plant, SIPCOT Industrial Complex Phase II Cuddalore - 607 005
(ii)	Industry Category Primary: - (STC Code) Secondary:- (SIC Code)	Red - 1011
(iii)	Production Capacity	PVC Resin - 41000 TPA
(iv)	Year of Establishment	2022
(v)	Date of the last Environmental Statement submitted	New Plant (Plant Commissioned On: February 2024)

PART - B

WATER AND RAW MATERIAL CONSUMPTION

(i)	Water Consumption (m³/day)	
	Process	: 413
	Cooling	: 236
	Domestic	: 20

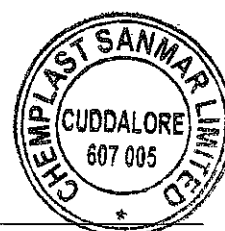
Name of Product	Process Water Consumption Per Unit of Product output (M ³)	
	During the Previous financial year 2022-2023	During the current financial year 2023-2024
PVC Resin	Not Produced during 2022-2023 (New Plant)	4.8



**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

(ii) Raw Material Consumption:

Name of Raw Material	Name of Products	Consumption of Raw material per unit of Output	
		During the Previous Financial year 2022-2023 (Kg/MT)	During the current Financial year 2023-2024 (Kg/MT)
Vinyl Chloride	Paste PVC Resin	Not Produced during 2022-2023 (New Plant)	2132.849
Initiator		Not Produced during 2022-2023 (New Plant)	1.029
Blended Alcohol		Not Produced during 2022-2023 (New Plant)	5.7
AOS (Soap)		Not Produced during 2022-2023 (New Plant)	27.72
Diethyl Adipate		Not Produced during 2022-2023 (New Plant)	3.32
Polyethylene glycol		Not Produced during 2022-2023 (New Plant)	1.57

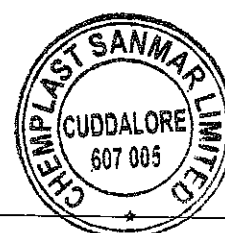


**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

PART - C

POLLUTION DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT
(A) Water

Sl. No.	Pollutants	Quantity of Pollutants Discharged* (mass / day) (Kg/Day)	Concentrations of Pollutants in discharges (mass / Volume) (mg/Lit)	Percentage of Variation from Prescribed Standards with reasons
1	Total Suspended Solids	Treated effluent for the year 2023-24 is 2576 KL, which was processed and recycled back to the process.		
2	Total Dissolved Solids			
3	Chlorides			
4	Sulphate			
5	Oil & Grease			
6	BOD			
7	COD			



**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

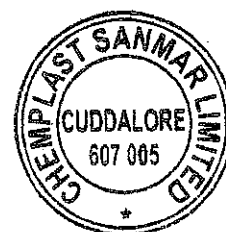
PART - C

Pollution Discharged to Environment / Unit of output

(Parameter as specified in the consent issued)

(B) Air - Stack Monitoring carried out by M/S Glens Innovation Labs Private Limited

No any analysis were carried out during the period of FY 2023-24 as it is New Plant
(Plant Commissioned On: February 2024)



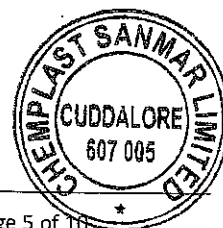
**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

PART - D

Hazardous Wastes

(As specified under Hazardous Wastes / Management & Handling Rules, 2016)

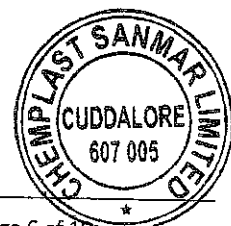
No any hazardous wastes generation during the period of FY 2023-24 as it is New Plant
(Plant Commissioned On: February 2024)



**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

**PART - E
Solid Wastes**

No any solid wastes generation during the period of FY 2023-24 as it is New Plant
(Plant Commissioned On: February 2024)

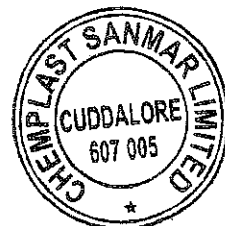


**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

PART - F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

No any hazardous and solid wastes generation during the period of FY 2023-24 as it is New Plant (Plant Commissioned On: February 2024)



**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

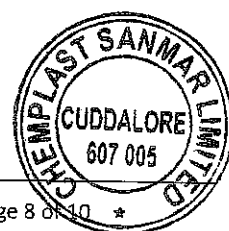
PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of productions

Environmental Improvement Measures

The following measures were undertaken on conservation of natural resources.

- Effective operation of Sewage Treatment Plant and reuse the water for gardening
- Effective operation of ETP with "Zero Liquid Discharge System" and reuse the water for Process and Industrial Cooling
- Effective operation of cooling tower and circulating water to minimize fresh water requirement
- Effective power consumption and saving by installing LED lights and IE-3 motors only

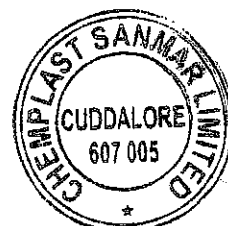


**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

PART - H

Additional measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution

S.NO	DESCRIPTION	COST (Rs.)
1	Consent Fee	50,40,200/-
2	Equipment procurement for Environmental Protection / Monitoring	11,62,00,000/-
3	Public Liability Insurance	80,312/-
4	ZLD and STP plant operation cost (Chemicals, O& M Manpower, Etc.)	5,03,685/-
TOTAL ENVIRONMENT EXPENDITURE FY 2023-24 (INR)		12,18,24,197/-



**CHEMPLAST SANMAR LIMITED, PASTE PVC PLANT, SIPCOT INDUSTRIAL
COMPLEX, PHASE – II, SEMMANKUPPAM, CUDDALORE – 607 005**

PART - I

Miscellaneous

Any other particulars for improving the quality of the Environment the details of green belt development are given below:

Factory Area	6.0157 Hec (14.86 Acres)
Green Belt Development required as per TNPCB norms (33 % of land area)	1.9866 Hec (4.9 Acres)
Required Trees for 1.9866 Hec @ 2000 nos per Hec.	3973 Nos
Actual area covered by Green Belt in and around Factory	1.14 (2.82 Acres)
No. of Trees available	1450 nos.

