Consolidated exposure s	cenario based on exposure scenarios of	
used raw materials Section 1- Name		
Process category PROC	PROC1, PROC2, PROC3, PROC4, PROC5, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC13, PROC15	
Environmental release category	ERC04	
Section 2 – Exposure scenarios		
Product characteristics		
Physical state	liquid	
Maximum concentration of	100	
substance in product (%)	100	
Substance in product (70)		
2.1 Control of environmental ex	posure	
Amazonak was d		
Amount used	3500	
Annual site tonnage (t/year)	2500	
Maximum daily site tonnage (kg/day)	16000	
Frequency and duration of use		
Emission days - systematically	300	
release (days/year)		
Environment factors not influenced by risk management		
Local marine water dilution	100	
factor	10	
Local freshwater dilution factor	10	
The input receiving surface water flow (m3/d)	Is not relevant. Discharge of wastewater into surface water is not expected.	
Technical on-site conditions and	·	
measures to reduce or limit		
discharges, air emissions and releases to soil		
Risk from environmental	soil, freshwater sediment	
exposure is driven by (type of	,	
environmental)		
Treat on-site wastewater (prior	Is not relevant. Wastewater treatment at local	
to receiving water discharge) to	WWTPs is not expected. Waste water is disposed of	
provide the required removal	as hazardous waste.	
efficiency of (%)		
Efficiency of air emission (%)	90	
Organisational measures to	Do not apply industrial sludge (possibly solid waste)	
prevent/limit release from site	to natural soil. The sludge should be burned, monitored or reclaimed. Avoid the discharge of sewage into sewers, surface water and municipal or local WWTPs.	
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Sond relevant. Avoid discharging wastewater into municipal sewage treatment plant	related to municipal sewage treatment plant Conditions and measures		
Treatment plant Conditions and measures related to external retarment of waste for disposal regulations. External treatment and disposal of waste should be in accordance with applicable local and / or national regulations.	treatment plant Conditions and measures		
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	PROC1: General exposures (closed systems) PROC1: General exposures (closed systems), with sampling PROC2: Processes at higher temperature (20°C above ambient temperature) - film formation, force drying, drying, curing, etc. PROC3: Material preparation, filling from drums and	with respect to a specific risk. Use the protective equipment listed in section 8. If the product is flammable, observe the fire regulations and the instructions given in this Safety Data Sheet. Handle substance within a closed system. Ensure a good level of total ventilation (at least 3 to 5 times per hour to replace the air). Eye protection: Safety glasses with side protection (DIN EN 166) Ensure a good level of total ventilation (at least 10 to 15 times per hour to replace the air) or use an EN140 compliant respirator with A / P2 or higher quality filter. Eye protection: Safety glasses with side protection (DIN EN 166). Hand protection:	controlling worker
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PROC4: Film formation - air	
drying	
PROC5: Material preparation,	
mixing activities (opened	
systems)	
PROC8b: Material transfer,	
filling/draining in specialized	
equipment	
PROC8a: Material transfer,	
filling/draining in unspecialized	
equipment	
PROC9: Transfer of material	
from small vessels, filling lines	
specialized (reduced exposure)	
PROC7: Spraying	Perform in ventilated chambers with laminar
(automatic/robotic)	airflow. Eye protection: Safety glasses with side
	protection (DIN EN 166)
PROC7: Spraying by manual	Ensure a good level of total ventilation (at least 10
application	to 15 times per hour to replace the air) or use an
PROC10: Roller, sprayer, flow,	EN140 compliant respirator with A / P2 or higher
brush application	quality filter. Eye protection: Safety glasses with
PROC13: Dipping, immersion	side protection (DIN EN 166). Hand protection:
and pouring	Wear suitable gloves.
PROC15: Laboratory activities	
PROC8a: Clean-down and	Before shutting down equipment or maintenance
maintenance of equipment	rinse and drain the system. Eye protection: Safety
	glasses with side protection (DIN EN 166). Hand
	protection: Wear suitable gloves.
PROC1, PROC2: Storage	Storage in closed system. Eye protection: Safety
_	glasses with side protection (DIN EN 166). Hand
	protection: Wear suitable gloves.
Section 3 – Exposure estimatio	n
3.1 Health	For exposure estimation was used tool ECETOC
	TRA.
	If the DN (M) EL values are known, refer to section
	8 of the SDS. When the operating conditions are
	met, RCR <1 is assumed
3.2 Environmental	For exposure estimation was used model EUSES.
	If the PNEC values are known, refer to section 8 of
	the SDS.
	When the operating conditions are met, RCR <1 is
	assumed
Section 4 – Guidance to check	compliance with the exposure scenario
4.1 Health	In the case of the application mentioned in section
	2 estimates, the exposure will probably not exceed
	the DN (M) EL values. The instruction is based on
	assumed operating conditions, which may not
	apply to all workplaces; it is likely that scaling is
	required to define appropriate risk management
	measures at a particular workplace.

	Where risk management / operating conditions are implemented, users should ensure risk management at least at equivalent levels. Scaling, see http://www.ecetoc.org/tra
4.2 Environmental	The recommendation is based on assumed operating conditions, which may not apply to all locations; therefore, scaling may be necessary to define suitable site-specific risk management measures. For more information on scaling and control technologies, refer to the SpERC Basic Factsheet Overview (http://cefic.org/en/reeachforindustries-libraries.html).