

**ExxonMobil Supported Uses - Generic Use Mapping for Slack Waxes**

**Date Issued: March 2010**

GES Title/ Scope	Sector of Use (SU)	Process Category (PROC) Chemical Product Category (PC)	Environmental Release Category (ERC)	Products Covered										
				PROWAX 312	PROWAX 401	PROWAX 411	PROWAX 511	PROWAX 512	PROWAX 540	PROWAX 690	PROWAX 750	PROWAX 850	PROWAX 860	PROWAX 900
<b>1. Manufacture of substance</b> Manufacture of the substance or use as an intermediate or process chemical or extraction agent including recycling/recovery, material transfers, storage, maintenance and loading (including marine vessel/barge, road/rail car and bulk containers).	Industrial SU 8, 9	PROC 1, 2, 3, 4, 5, 7, 8a, 8b, 15 PC (N/A)	ERC 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional	Not applicable												
	Consumer	Not applicable												
<b>2. Distribution of substance</b> Loading (including marine vessel/barge, rail/road car and bulk container loading) and repacking (including drums and small packs) of substance, including its distribution.	Industrial SU 8, 9	PROC 2, 3, 8a, 8b, 9 PC (N/A)	ERC 1, 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional	Not applicable												
	Consumer	Not applicable												
<b>3. Formulation &amp; (re)packing of substances and mixtures</b> Formulation, packing and re-packing of the substance and its mixtures in batch or continuous operations, including storage, materials transfers, mixing, large and small scale packing and maintenance.	Industrial SU 10	PROC 1, 2, 3, 4, 5, 8a, 8b, 9, 15 PC 1, 9a, 10, 11, 12, 13, 18, 22, 23, 24, 26, 27, 31, 32	ERC 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional	Not applicable												
	Consumer	Not applicable												
<b>4. Polymer production</b> Manufacture of polymers from monomers in continuous and batch processes, include sparging, discharging, and reactor maintenance and immediate polymer product formation (i.e. compounding, pelletisation, product off-gassing).	Industrial SU 10	PROC 1, 2, 3, 5, 6, 8a, 8b, 14, 21 PC 32	ERC 3	✓	✓	✓		✓	✓	✓	✓	✓	✓	
	Professional	Not applicable												
	Consumer	Not applicable												
<b>5. Lubricants</b> Covers the use of formulated lubricants in closed and open systems including transfer operations, operation of machinery/engines and similar articles, reworking on reject articles, equipment maintenance and disposal of waste oils.	Industrial SU 3	PROC 1, 2, 3, 4, 5, 6, 7, 8a, 8b, 9, 10, 13, 17, 18 PC 1, 16, 24, 31, 32	ERC 4, 7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional SU 22	PROC 1, 2, 3, 4, 8a, 8b, 9, 10, 11, 13, 17, 18, 20 PC 1, 16, 24, 31	ERC 8A, 8D, 9A, 9B	✓	✓	✓		✓	✓	✓	✓	✓	✓	
	Consumer SU 21	PROC (N/A) PC 1, 6, 24, 31	ERC 8A, 8D, 9A, 9B	✓	✓	✓		✓	✓	✓	✓	✓	✓	
<b>6. Uses in Coatings</b> Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi-bulk, application by spray, roller, spreader, dip, flow, fluidised bed on production lines and film formation) and equipment cleaning and maintenance.	Industrial SU 3	PROC 1, 2, 3, 4, 5, 7, 8a, 8b, 9, 10, 13 PC 1, 9a, 10, 15, 24, 31	ERC 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional SU 22	PROC 1, 2, 3, 4, 5, 8a, 8b, 10, 11, 13, 19 PC 1, 9a, 10, 15, 24, 31	ERC 8A, 8D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Consumer SU 21	PROC (N/A) PC 1, 5, 9, 10, 15, 26, 31	ERC 8A, 8D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>7. Agrochemicals uses</b> Use as an agrochemical excipient for application by manual or machine spraying, smokes and fogging; including equipment clean-downs and disposal.	Industrial	Not applicable												
	Professional SU 22	PROC 4, 8a, 8b PC 12, 22, 27	ERC 8A, 8D	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
	Consumer SU 21	PROC (N/A) PC 12, 22, 27	ERC 8D	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
<b>8. Use as binders and release agents</b> Covers the use as binders and release agents including material transfers, mixing, application (including spraying and brushing), mould forming and casting, and handling of waste.	Industrial SU (3)	PROC (3,4,6,8,10,11,14) PC (24) ERC (6)	ERC 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional SU 22	PROC 3, 4, 8a, 8b, 10, 11 PC 24	ERC 8C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Consumer	Not applicable												
<b>9. Use as a fuel</b> Covers the use as a fuel (or fuel additive) and includes activities associated with its transfer, use, equipment maintenance and handling of waste.	Industrial SU 3	PROC 1, 2, 3, 4, 8a, 8b, 9, 14, 19 PC 13	ERC 8B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Professional SU 22	PROC 1, 2, 3, 4, 8a, 8b, 16, 19 PC 13	ERC 8B, 8E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Consumer SU 21	PROC (N/A) PC 13	ERC 8B, 8E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>10. Explosives manufacture and use</b> Covers exposures arising from the manufacture of slurry explosives (including materials transfer, mixing and charging) and equipment cleaning.	Industrial	Not applicable												
	Professional SU 22	PROC 3, 8a, 8b PC 11	ERC 8D							✓	✓	✓	✓	
	Consumer	Not applicable												
<b>11. Road and construction applications</b> Application of surface coatings and binders in road and construction activities, including paving uses, manual mastic and in the application of roofing and water proofing membranes.	Industrial	Not applicable												
	Professional SU 22	PROC 5, 8a, 8b, 9, 10, 11, 13 PC 10, 15	ERC 8F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Consumer	Not applicable												

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