



Appendix N

INVENTORY OF POTENTIAL DANGEROUS GOOD AND
HAZARDOUS SUBSTANCES

Inventory of Potential Dangerous Goods and Hazardous Substances

Product Name	Chemical Composition	Concentration in Raw Material Chemicals	Concentration in Operation Storage Tank	UN no.	Packaging Group	Shipping Name	Estimated Maximum Inventory for Individual Construction Sites	Application and Use of Chemical
Petroleum	Petroleum distillate, kerosene, petroleum condensates Hydrogen sulphide	99-100% 0-1%	100%	1268	III	Petroleum distillate	100-200 KL	Fuel for machinery during the construction phase
Unleaded Petrol	Petroleum hydrocarbons Benzene	99-100% 0-5%	100%	1203	II	Motor spirit	100-200 KL	Fuel for machinery during the construction phase
Aerosol Enamel	Acetone White spirit Toluene Propane Aromatic hydrocarbons	34-40% 10-15% 1-5% 15-20% 5-10%	100%	1950	None allocated	Aerosols	4.8L	Corrosion control of machinery used for maintenance purposes during the construction phase
Jointing Cement	Methyl ethyl ketone Cyclohexanone PVC Resin	> 60% 10- < 30% 10- < 30%	100%	1133	II	Adhesives	1.5L	Bonding of non-pressure PVC pipes and fittings used for water and sewerage services during the construction phase

Product Name	Chemical Composition	Concentration in Raw Material Chemicals	Concentration in Operation Storage Tank	UN no.	Packaging Group	Shipping Name	Estimated Maximum Inventory for Individual Construction Sites	Application and Use of Chemical
Clean'n Guard	Propanol/butane mixture Isopropanol	10% 12-20%	100%	1950	None allocated	Aerosols	4.8L	Surface protector, cleaner and antistatic protection for machinery for maintenance purposes during the construction phase
Under Bonnet Cleaner	Sodium hydroxide Sodium gluconate	10-30% 1-10%	100%	1760	II	Corrosive liquids	75L	Engine degreaser for maintenance purposes during the construction phase
Aerosol Foam	Isopropanol Xylene Molybdenum disulphide	> 80% 10% 5-6%	100%	1750	None allocated	Aerosols	4.8L	Cleaning and degreasing for maintenance purposes during the construction phase
Cold Galvanising Paint	Zinc dust Solvent 100	> 60% 10-30%	100%	1263	III	Paint	4.8L	Long term protection of steel against rust and corrosion applied during the construction phase and used for maintenance on the operation phase

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Hydrochloric Acid	Hydrochloric acid	25-36%	100%	1798	II	Hydrochloric acid	1.5L	Cleaning and stripping of steel used during the construction phase and used for maintenance on the operation phase
Methylated Spirits	Ethyl alcohol Methanol Denaturant	96-99% 0-2% < 1%	100%	1170	II	Ethanol	25L	Cleaning agent used during both the construction and operation phase
Dry Film Lubricant	Methylated spirits Molybdeum disulphide Ketone solvent Hydrocarbon solvents Resins Phosphoric acid	30-60% 10-30% < 30% < 30% < 30% < 10%	100%	1993	II	Flammable liquid	4.8L	Machinery maintenance used for maintenance purposes during the construction phase
Guard Clear Spray	Hydrocarbon propellant Acetone Hydrocarbon solvent	> 60% 5-15% 15-30%	100%	1950	None allocated	Aerosols	4.8L	Machinery maintenance used for maintenance purposes during the construction phase

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Rust-shield spray	Ketone solvent Organo-metallic wax complex Hydrocarbon propellant	30-60% 30-60% 10-30%	100%	1950	None allocated	Aerosols	4.8L	Machinery maintenance used for maintenance purposes during the construction phase
Gear spray	N-hexane Molybdenum disulphide Hydrocarbon propellant	10-60% 10-30% 30-60%	100%	1950	None allocated	Aerosols	4.8L	Machinery maintenance used for maintenance purposes during the construction phase
Aluminium Epoxy Enamel	Toluene Acetone Acrylic resin Aluminium powder LPG propellant	30-60% 10-30% 1-5% 1-5% 10-30%	100%	1950	None allocated	Aerosols	4.8L	Corrosion control of machinery used for maintenance purposes during the construction phase