SEKSYEN B : SENARAI BAHAN KIMIA

UTHM/CMC/001(2026)

						Bilangan Bahan Kimia	Jumlah Pekerja	
Pusat Tanggungjawab	: Perpustakaan Tunku Tun Aminah (PTTA)	**Makmal / Bengkel / Ruang Simpan**	: Bilik Percetakan			**Lelaki**	**Perempuan**
Jabatan / Unit	: Seksyen Promosi & Galeri	**No. Blok**	: L				
Kategori Proses	: Pengoperasian & Penyelenggaraan	**No. Bilik**	: L - 101 - 17			3	3	0

Bil.	Nama Produk / Komersil	Nama Bahan Kimia	Ciri-Ciri Fizikal	Bil. Pengguna Yang Terdedah Dengan Bahan Kimia	Langkah Kawalan		Penggunaan Bahan Kimia			Simpanan Bahan Kimia				CAS No. (Jika Ada)	Nama Unsur Bahan Kimia Yang Aktif	Kepatuhan Pengeluar / Pembekal Bahan Kimia kepada CLASS 2013					Maklumat Pembekal 1. Nama, 2. Alamat, dan 3. Nombor telefon yang boleh dihubungi
					Kawalan Kejuruteraan	Peralatan Perlindungan Diri [Personal Protective Equipment, PPE]	Jenis	Kuantiti	Unit	Kuantiti	Unit	Tarikh Perolehan Bahan Kimia	Tarikh Luput Bahan Kimia			Terima SDS?	Wujud Bahaya Fizikal?	Wujud Bahaya Kesihatan?	Wujud Bahaya Alam Sekitar ?	Label mengikut Peraturan ?	
1	ECO-SOL MAX2, ESL4-4CY ECO-SOL MAX2,ESL4-4MG ECO-SOL MAX2,ESL4-4YEI	1. Diethylene glycol diethyl ether 2. γ-butyrolactone 3. Tetraethylene glycol dimethyl ether 4. Dialkylene glycol dialkyl ether	Cecair [Liquid]	7	General Ventilation	Not required under suitable use as setting the cartridge on the printer. However, in case of direct contact to ink, wear safety glasses or chemical splash goggles, use protective gloves, wear protective clothing, wear safety glasses or chemical splash goggles, use a half facepiece respirator (with goilges) or full face-piece respirator (without googles) filtered with organic vapor cartridge.	Produk [Product]	1.32	l	3	l	2-Jan-25	1-Oct-26	1. 112-36-7 2. 96-48-0 3. 143-24-8 4. Confidential Business Information (C.B.I.)	1. Diethylene glycol diethyl ether 2. γ-butyrolactone 3. Tetraethylene glycol dimethyl ether 4. Dialkylene glycol dialkyl ether	YA	ADA	ADA	TIADA	YA	Roland DG Corporation 1-6-4 Shinmiyakoda, Kita-ku, Hamamatsu-shi, Shizuoka-ken, 431-2103, Japan +81-53-484-1224
2	ECO-SOL MAX2,ESL4-4BK	1. Carbon Black 2. Diethylene glycol diethyl ether 3. γ-butyrolactone 4. Tetraethylene glycol dimethyl ether 5. Dialkylene glycol dialkyl ether	Cecair [Liquid]	7	General Ventilation	Not required under suitable use as setting the cartridge on the printer. However, in case of direct contact to ink, wear safety glasses or chemical splash goggles, use protective gloves, wear protective clothing, wear safety glasses or chemical splash goggles, use a half facepiece respirator (with goilges) or full face-piece respirator (without googles) filtered with organic vapor cartridge.	Produk [Product]	0.44	l	4	l	2-Jan-25	1-Oct-26	1. 1333-86-4 2. 112-36-7 3. 96-48-0 4. 143-24-8 5. Confidential Business Information (C.B.I.)	1. Carbon Black 2. Diethylene glycol diethyl ether 3. γ-butyrolactone 4. Tetraethylene glycol dimethyl ether 5. Dialkylene glycol dialkyl ether	YA	ADA	ADA	TIADA	YA	Roland DG Corporation 1-6-4 Shinmiyakoda, Kita-ku, Hamamatsu-shi, Shizuoka-ken, 431-2103, Japan +81-53-484-1224

SEKSYEN B : SENARAI BAHAN KIMIA

Pusat Tanggungjawab	: Perpustakaan Tunku Tun Aminah (PTTA)	**Makmal / Bengkel / Ruang Simpan**	: Bilik Percetakan	**Bilangan Bahan Kimia**	**Jumlah Pekerja**	
Jabatan / Unit	: Seksyen Promosi & Galeri	**No. Blok**	: L		**Lelaki**	**Perempuan**
Kategori Proses	: Pengoperasian & Penyelenggaraan	**No. Bilik**	: L - 101 - 17	3	3	0

Bil.	Nama Produk / Komersil	Nama Bahan Kimia	Ciri-Ciri Fizikal	Bil. Pengguna Yang Terdedah Dengan Bahan Kimia	Langkah Kawalan		Penggunaan Bahan Kimia			Simpanan Bahan Kimia				CAS No. (Jika Ada)	Nama Unsur Bahan Kimia Yang Aktif	Kepatuhan Pengeluar / Pembekal Bahan Kimia kepada CLASS 2013					Maklumat Pembekal 1. Nama, 2. Alamat, dan 3. Nombor telefon yang boleh dihubungi
					Kawalan Kejuruteraan	Peralatan Perlindungan Diri (Personal Protective Equipment, PPE)	Jenis	Kuantiti	Unit	Kuantiti	Unit	Tarikh Perolehan Bahan Kimia	Tarikh Luput Bahan Kimia			Terima SDS?	Wujud Bahaya Fizikal?	Wujud Bahaya Kesihatan?	Wujud Bahaya Alam Sekitar ?	Label mengikut Peraturan ?	
3	CLEANING LIQUID FOR ECO-SOL INK, ESL4-CL	1. Diethylene glycol diethyl ether 2. γ-butyrolactone 3. Dialkylene glycol dialkyl ether	Cecair (Liquid)	7	General Ventilation	Not required under suitable use as setting the cartridge on the printer. However, in case of direct contact to ink, wear safety glasses or chemical splash goggles, use protective gloves, wear protective clothing, wear safety glasses or chemical splash goggles, use a half facepiece respirator (with goilges) or full face-piece respirator (without googles) filtered with organic vapor cartridge.	Produk (Product)	0.1	l	1	l	2-Jan-25	1-Oct-26	1. 112-36-7 2. 96-48-0 3. Confidential Business Information (C B.I.)	1. Diethylene glycol diethyl ether 2. γ-butyrolactone 3. Dialkylene glycol dialkyl ether	YA	ADA	ADA	TIADA	YA	Roland DG Corporation 1-6-4 Shinmiyakoda, Kita-ku Hamamatsu-shi, Shizuoka-ken, 431-2103, Japan +81-53-484-1224

SEKSYEN C : PIHAK YANG BERTANGGUNGJAWAB MENYEDIAKAN DAN MEMERIKSA SENARAI BAHAN KIMIA

DISEDIAKAN OLEH

Nama	: Norizan bin Noorman	**TANDATANGAN**
Jawatan	: Pembantu Pustakawan Kanan	
Tarikh	: 10-Jul-26	
No. Telefon	: 07 - 950 8678	

DISAHKAN OLEH

Nama	: Faizul bin Sahari	**TANDATANGAN**
Jawatan	: Timbalan Ketua Pustakawan	
Tarikh	: 10-Jul-26	
No. Telefon	: 07 - 950 8661	