



January 1, 2024

## REACH Declaration

Hope Industrial Systems, Inc. is committed to ensuring all of our products conform to the most recent safety standards. Since many of the electronic and mechanical components used in the manufacturing of our products come from worldwide sources, we rely upon declarations of conformity from our suppliers.

We actively pursue our suppliers to ensure that all of our components, sub-assemblies, and metalwork remain up-to-date and are in accordance with the most recent standards.

REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) is a regulation covering the manufacturing and import into the EU of hazardous chemicals. EC 1907/2006 Article 33.1 of the REACH regulation states that "manufacturers and importers of articles (products) are required to notify their customers of the presence of any Substances of Very High Concern (SVHC) in their products exceeding 0.1% by weight."

ECHA guidance documents suggest two methods of obtaining the necessary information to check compliance – 1) Proactive requests in the supply chain, or 2) Chemical analyses. The ECHA guidance documents also declare that chemical analysis is only helpful in certain situations and may yield ambiguous results and be very costly, thus not recommending it as the preferred instrument for obtaining information. Therefore, we continue to depend on proactive requests in the supply chain.

We make proactive requests to 100% of our component suppliers every 12 months in order to keep our certifications up to date with the latest candidate list of SVHC's. At this point in time, a very small portion of our suppliers do not have information regarding the most recent additions to the candidate list of SVHC's since it takes some time for this information to make its way down the supply chain.

As a result of the inquiries to our suppliers, Hope Industrial Systems, Inc. can declare that our products meet the substance restrictions specified in Annex XVII of REACH. Regarding SVHC's, other than the products listed in the table below, our products contain none of the substances included in the REACH Candidate List (last updated on June 14, 2023) above a concentration of 0.1% by weight. This declaration is based solely upon the information which our suppliers have provided to us.

Models containing SVHC above a concentration of 0.1% by weight						
Substance	CAS #	Where (component)	Cause	(w/w)%	Weight (g)	Models affected
Lead	7439-92-1	LCD Panel - 12"	Resistor	27%	0.00052	HIS-xx12-xxxx
1,3,5-Tris(oxiranylmethyl)	2451-62-9	LCD Panel - 12"	LCD Backlight Unit	5%		HIS-xx12-xxxx
Cyclohexan-1,2-dicarbonsäureanhydrid	85-42-7	LCD Panel - 12"	LCD Backlight Unit	4%		HIS-xx12-xxxx
Boric acid	10043-35-3	LCD Panel - 12"	Polarizer	3%	0.33172	HIS-xx12-xxxx
Lead	7439-92-1	LCD Panel - 15" - PWB	(2) Diode	6.13%	0.00031	HIS-xx15-xxxx
Lead	7439-92-1	LCD Panel - 19"	Resistors	>0.1%	0.00040	HIS-xx19-xxxx
Lead	7439-92-1	LCD Panel - 19"	MOSFET	>0.1%	0.00310	HIS-xx19-xxxx
Lead	7439-92-1	LCD Panel - 19"	Diode	>0.1%	0.01050	HIS-xx19-xxxx
Lead	7439-92-1	Voltage Regulator	Die Attach	0.95%	0.07869	HIS-xx19-xxTx
Lead	7439-92-1	Fuse	Solder	>0.1%		HIS-xx19-xTxx, HIS-xx19.5-xTxA
Lead	7439-92-1	LCD Panel - 19.5"	Resistors	>0.1%	0.00040	HIS-xx19.5-xxxx

Models containing SVHC above a concentration of 0.1% by weight						
Substance	CAS #	Where (component)	Cause	(w/w)%	Weight (g)	Models affected
Lead	7439-92-1	LCD Panel - 19.5"	Diode	>0.1%	0.00880	HIS-xx19.5-xxxx
Lead Oxide	1317-36-8	LCD Panel - 19.5"	LCD	>0.1%		HIS-xx19.5-xxxx
Lead	7439-92-1	Diode	Solder	1%		HIS-xx19.5-xxxB
Lead	7439-92-1	Standoff	Alloying Agent	>0.1%		HIS-RL19.5-xxxx
Lead	7439-92-1	Diode	Solder	0.54%		HIS-xx23.8-xxxx
Lead	7439-92-1	Diode	Solder	0.54%		HIS-xxxx-xxTx
Lead	7439-92-1	OST DC Power Plug	Connector Pin	>0.1%		HIS-xxxx-xxTx
Lead	7439-92-1	OST Connector, Receptacle	Connector Pin	>0.1%		HIS-xxxx-xxTx
Lead	7439-92-1	Fuse	Solder	>0.1%		HIS-xxxx-xxTx
Lead	7439-92-1	DC/DC Converter	Solder	>0.1%		HIS-xxxx-xxTx
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	PCAP Controller	IC	5%		HIS-xxxxx-xPxx
Bisphenol A	80-05-7	PCAP Controller	IC Epoxy	1%		HIS-xxxxx-xPxx
Lead	7439-92-1	PCAP Controller	IC Die Attach	95%	0.0014	HIS-xxxxx-xPxx
Lead	7439-92-1	Standoff	Alloying Agent	>0.1%		KB-xx-P90-xx
Lead	7439-92-1	Stylus	Touch pen tip	3.57%		PD-STYLUS-1
Lead	7439-92-1	Fan, 12 Volt DC,	Solder, Alloying Agent	>0.1%		ENCL-TCxx-xxx-Lx, MK-TCxx-STD
Lead	7439-92-1	Jumper Bar, BJM62, 2 pole	Alloying Agent	3%		ENCL-PCxx-xxx-xx
Lead	7439-92-1	Fan, 12 Volt DC, 119 X 38 mm	Alloying Agent	0.16%	0.42108	MK-PC10-xxxx
Lead	7439-92-1	Power Jumper (DC Pwr Cable)	Contact	<4%		KVM2EXT-xx-xx-USB, KVM2EXT-xx-xx-PS2
Lead	7439-92-1	Connector, DB9, Solder cup	Rivet	2.92%	0.02301	KVM2EXT-xx-xx-PS2
Lead	7439-92-1	Adaptor	Solder	3%		CCSER-xx
Lead	7439-92-1	Adaptor	Connector Pin	3%		VIDVGA-3

Mike McGraw

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President

