ECO CLEAN

Material Safety Data Sheet

Identification of substance

Material name	Surface Laminates
Material number	SL-501 Manufacturer or supplier's details
Manufacturer	Trion Surfactants Manuf Co LLC
Address	New industrial area - Ajman
MSDS Date	26-08-2023
Prepared by	First Specialize Trading LLC, Nahyan Altanmiyah street - Building num 6 floor6
Telephone	+971 2 4477500

Hazards Identification

Classification of the substance or mixture

OSHA HCS 2012

This product is generally an article and not hazardous but is regulated under OSHA for the release of dust during downstream activities, like grinding, sanding, cutting and sawing. The free formaldehyde levels are below OSHA reporting requirements.

Label elements

- Labelling according to paragraph (f) 1910.1200; OSHA29 CFR Signal word
- **Hazard statements** void
- **Precautionary statements** void

Other hazards

Results of PBT and vPvB assessment	Not applicable
PBT	Not applicable
vPvB	This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard in the form in which it is shipped but may become hazardous by wood dust generating downstream activities (e.g. grinding, sanding, cutting, or pulverizing).
OSHA HCS 2012	paragraph (f) 1910.
NFPA	-
HMIS	-

Composition/information on ingredients

Chemical characterization: Mixtures (article)

Description	Laminates are decorative coating materials. Laminates consist of cellulose fibre web (paper) impregnated with heat-setting resins. They have a multilayer structure and consistof melamine-formaldehyde resin impregnated decorative paper and one or more layers ofsoda Kraft paper impregnated with phenolic resins, which are laminated under high pressure and heat.
CALIFORNIA RESIDENTS	WARNING: This product can expose you to chemicals including formaldehyde, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

First aid measures

Description of first aid measures

General information	No special measures required regarding the product in the form it is shipped, downstream activities like cutting, sawing or grinding can generate dust. To avoid health hazards while these downstream activities, take note of the following measures:
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. After contact with the molten product, cool rapidly with cold water
Eye	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easyto do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if you feel unwell and contact a poison control center or medical professional.
Most important symptoms and effects, both acute and delayed	Refer to Section 11 – Toxicological Information
Indication of any immediate medical attention and special treatment needed	No further relevant information available

Firefighting measures

Extinguishing media	• Use firefighting measures that suit the environmentWater Fire-extinguishing powderCarbon • Dioxide • Foam
Special hazards arising from the substance or mixture	Laminates are not an explosion hazard. Sawing, sanding, or machining laminates can result in the by-product dust. Dustmay present a strong to severe explosion hazard if a dust cloud contacts an ignition source. In case of fire, the following gases can be released: Carbon dioxide (CO2), Carbon monoxide (CO), Oxides of Nitrogen and other hazardous gases and particles
Advice for firefighters	**Protective equipment:** Mouth respiratory protective device **Additional information:** Prevent formation of dust Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

Accidental release measures

Personal precautions, protective equipment and emergency procedures	**Personal Precautions:** Do not breathe dust. **Emergency Procedures:** No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.
Environment precautions	No special measures required
Methods and material for containment and cleaning up	Not applicable for product in purchased form. Dust generated from sawing, sanding, drilling or routing this product may be vacuumed or shoveled for recovery or disposal. Dust clean -up and disposal activities should be accomplished in a manner to minimize of airborne dust. Dispose of the material collected according to regulations
Reference to other sections	• See Section 7 for information on safe handling • See Section 8 for information on personal protection equipment • See Section 13 for disposal information

Handling and storage

Precautions for safe handling	Use good safety and industrial hygiene practices. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Wear a respiratory mask if using hand tools without a dust extraction device. Observe all liability insurance association regulations for commercial processing operations (e.g. safety goggles). Information on protection against explosions and fires: Avoid formation of dust
Conditions for safe storage, including any incompatibilities	**Storage:** No special precautions for handling product. Use good safetyand industrial hygiene practices. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from ignition sources
Specific end use(s)	No further relevant information available
Reference to other sections	• See Section 7 for information on safe handling • See Section 8 for information on personal protection equipment • See Section 13 for disposal information

Exposure controls/personal protection

Control parameters

Dust needs to be controlled while cutting, sawing, drilling or other dust generating processes are performed.

Exposure controls

	Result	ACGIH 2007	NIOSH	OSHA
Engineering measures/ controls			Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Due to the explosive potential of dust when suspended in air, precautions should be taken during sanding, sawing or machining of products to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motors is recommended.	
Respiratory			Useofa NIOSH/MSHA approved dust respirator isrecommended where airborne dust levels exceed appropriate PELs and TLVs	
Eye/Face			Wear safety glasses	
Skin/Body			Wear protective gloves Rubberized cloth, canvas or leather gloves	
General Industrial Hygiene Considerations			Practicegoodhousekeeping and avoid creating/breathing dust. Do not allow dust to collect. Maintain, clean, and fit test respirators I accordance with OSHA regulations.	
Environmental Exposure Controls			No data available	

Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Solid	**Evaporation rate**	Not relevant
Color	Varies	**Partitions coefficient**	Not relevant
Flammability	No data available	**Autoignition**	No data available
Odor	No distinctive odor	**Decomposition temperature**	No data available
Vapor Pressure	Not relevant	**Viscosity**	No data available
Odor threshold	Not relevant	**Burning time**	No data available
Vapor density	No data available	**Density**	approx. 1350kg/m³, can differ in specific product variations
pH	5.5-6.8	**Oxidizing properties**	No data available
Relative density	Not relevant	**Explosive limits**	No data available
Melting point	Not relevant	**Flash point**	Not relevant
Freezing point	Not relevant	**Boiling point**	Not relevant
Solubility	Not soluble in water	---	---

Other information

Nofurther relevant information available.

ECO CLEAN

Stability and reactivity

Reactivity	The product is not reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under recommended storage conditions **Conditions to be avoided:** No decomposition if used according to specifications
Possibility of hazardous reactions	No dangerous reactions known
Conditions to avoid	Exposure to water, ignition source, high relative humidityand high temperature
Incompatible materials	Incompatible Materials: acids(strong), Oxidizers(strong)
Hazardous decomposition products	Hazardous decomposition mayoccur thermal and/or thermal oxidative decomposition can produce irritating and toxic fumes and gases.

Toxicological information

Information on toxicological effects	Not applicable for product in purchased from. Individual component information is provided below if available
Components Formaldehyde	**50-00-0 Acute Toxicity:** Ingestion/Oral-Rat LD50 >200mg/kg; Inhalation-Rat LD50 0.578mg/l/4h

GHS Properties	GHS Properties
Acute toxicity	OSHA HCS 2012 – Shall not be classified
Aspiration hazard	OSHA HCS 2012 – Shall not be classified
Carcinogenicity	OSHA HCS 2012 – Shall not be classified
Germ Cell Mutagenicity	OSHA HCS 2012 – Shall not be classified
Skin corrosion/Irritation	OSHA HCS 2012 – Shall not be classified
Skin sensitization	OSHA HCS 2012 – Shall not be classified
STOT-RE	OSHA HCS 2012 – Shall not be classified
STOT-RE	OSHA HCS 2012 – Shall not be classified
Toxicity for Reproduction	OSHA HCS 2012 – Shall not be classified
Respiratory sensitization	OSHA HCS 2012 – Shall not be classified
Serious eye damage/Irritation	OSHA HCS 2012 – Shall not be classified
Target Organs	OSHA HCS 2012 – Shall not be classified
Route(s) of entry/exposure	OSHA HCS 2012 – Shall not be classified
Medical Conditions	OSHA HCS 2012 – Shall not be classified
Aggravated by Exposure	---

Potential Health Effects	OSHA HCS 2012 – Shall not be classified
Inhalation **Skin** **Eye** **Ingestion**	**Acute(Immediate):** OSHA HCS 2012 – Shall not be classified **Chronic (Delayed):** OSHA HCS 2012 – Shall not be classified
Carcinogenic Effects	**Carcinogenic Effects:** OSHA HCS 2012 – Shall not be classified

	CAS	OSHA	IARC	NTP
Formaldehyde	50-00-0	Specifically Regulated	Group 1 – Carcinogenic	Know n Human

Ecological information

Toxicity	Not applicable for compact laminates
Persistence and degradability	No further relevant information available
Bioaccumulative potential	Not applicable for compact laminates
Mobility in soil	No further relevant information available **General notes:** Generally, not hazardous for water
Results of PBT and vPvB assessment	**PBT:** Not applicable **Other adverse effects:** Not applicable
Other adverse effects	No further relevant information available

Disposal considerations

Waste treatment methods	**Recommendation:** Disposal according to local regulations **Uncleaned packaging recommendations:** Dispose of packaging according to regulations on the disposal of packaging

Transport information

UN-number	**ADR, ADN, IMDG, IATA:** Void
UN proper shipping name	**ADR, ADN, IMDG, IATA:** Void
Transport hazard class(es)	**ADR, ADN, IMDG, IATA Class:** Void
Packing group	**ADR, IMDG, IATA:** Void
Environmental hazards	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN “Model Regulation”	Void

Regulatory Information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

NPCA-HMIS® III

Category	Rating	Description
Chronic	*	Chronic (long-term) health effects may result from repeated overexposure (dust) No significant risk to health Material that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Health	0	
Flammability	1	
Physical Hazard	0	
Personal protection	-	

NFPA® 704

Category	Degree of Hazard	Description
Flammability	1	Material that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material Material that is normally stable, even under fire conditions
Instability	0	
Special hazard	0	
SARA Hazard Classifications Inventory	Void	

SARA Hazard Classifications Inventory

Component	CAS	Canada DSL	TSCA
EGGER Laminates	Not applicable	Not listed. All components are on the Canada DSL or are excluded from listing or below de minimis reporting	Not listed. All components are on the TSCA inventory or are excluded from listing or below de minimis reporting

Canada – WHMIS – Classifications of Substances EGGER Laminates and ingredients(unless listed below) Formaldehyde	N/A 50-00-0	Not listed B1, D1A, D2A, D2B
Canada – WHMIS – Ingredient Disclosure List EGGER Laminates and ingredients(unless listed below) Formaldehyde	N/A 50-00-0	Not listed 0.1% (concentration in product is below de Minimis)
U.S.-OSHA – Process Safety Management – Highly hazardous Chemicals EGGER Laminates and ingredients(unless listed below) Formaldehyde	N/A 50-00-0	Not listed 1000lb TQ
U.S. – CERCLA/SARA – Section 304 EHS RQ EGGER Laminates and ingredients(unless listed below) Formaldehyde	N/A 50-00-0	Not listed 100lb EPCRA RQ

U.S. – EPCRA –Section 302 (EHS) TPQ **EGGER Laminates and ingredients(unless listed below)** **Formaldehyde**	N/A 50-00-0	Not listed 500lb TPQ
U.S. – EPCRA – Section 313 – Toxic Chemicals **EGGER Laminates and ingredients(unless listed below)** **N/A Formaldehyde**	N/A 50-00-0	Not listed 0.1% (concentration in product is below de Minimis)
United States – California Environment **U.S. – California – Proposition 65 –Carcinogens List** **EGGER Laminates and ingredients(unless listed below)** **Formaldehyde**		Not listed carcinogen, NSRL 40µg/day

SARA Hazard Classifications Inventory

A Chemical Safety Assessment has not been carried out

Other information

This information is based on our present knowledge and comes from sources believed to be accurate or otherwise technically correct. However, this shall not constitute a guarantee for any specific product features and shall not establish a legallyvalid contractual relationship.

Initial release: 04-03-2018

Last Revision Date: 05-23-2022