9711405 9714344 9720624
9712005 9714345 9722009
9712120 9716673 9736571
9712121 9716674 9724210
9712122 9719197 NE20758
9713262 9719198 SB41072
9714343 9719399 9725937

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: CCI-LPS178-CLEAR

Product Name: LPS-178 CLEAR

Revision Date: Jun 21, 2022
Date Printed: Jun 21, 2022
Version: 1.0
Supersedes Date: N.A.

Manufacturer's Name: Lakeside Plastics
Address: 450 W 33rd Ave Oshkosh, WI, US, 54902
Emergency Phone: 800-535-5053
Information Phone Number: 920-235-3620
Fax: 920-235-6545
Product/Recommended Uses: Vinyl Plastisol

SECTION 2) HAZARDS IDENTIFICATION

Notice

All warnings regarding chemicals in a dust format do not apply to any of our plastisol product line. It is mandatory to disclose all hazardous materials per the GHS guidelines, but there is no dust exposure possible in this product line formulations.

Classification

Not classified

Pictograms

None

Signal Word

No signal word available.

Precautionary Statements - General

No precautionary statement available.

Precautionary Statements - Prevention

No precautionary statement available.

Precautionary Statements - Response

No precautionary statement available.

Precautionary Statements - Storage

No precautionary statement available.

Precautionary Statements - Disposal

No precautionary statement available.

Hazards Not Otherwise Classified (HNOC)

None

Acute toxicity of 69% of the mixture is unknown

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
Proprietary	Proprietary blend of esters	58% - 72%
0009002-86-2	POLYVINYL CHLORIDE	22% - 27%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. Get medical advice/attention: IF exposed, concerned or feeling unwell.

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

Get medical advice/attention if you feel unwell or are concerned.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for 15-20 minutes. Wash contaminated clothing before re-use or discard. If exposed, concerned or if skin irritation or rash occurs: Get medical advice/attention.

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed.

If skin irritation occurs or you feel unwell: Get medical advice/attention.

Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open.

If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Get medical advice/attention if you feel unwell or concerned.

Rinse mouth.

If you feel unwell/If concerned: Get medical advice/attention.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available.

Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam.

Large Fire: Dry chemical, CO2, alcohol resistant foam or water spray

Carbon dioxide can displace oxygen.

Use caution when applying carbon dioxide in confined spaces.

Unsuitable Extinguishing Media

No data available.

Do not use water jet.

Specific Hazards in Case of Fire

Hazardous combustion products may include HCL and oxides of carbon.

Dense smoke may be generated while burning.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Stop spill/release if it can be done safely.

Move undamaged containers from immediate hazard area if it can be done safely.

Water spray is recommended to cool or protect exposed materials or structures.

Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Isolate hazard area and keep unauthorized personnel away.

Do not touch or walk through spilled material.

Ventilate closed spaces before entering.

Recommended Equipment

Respirator should be used if the accidental release location is not well ventilated. Eye Protection and Gloves should be worn when handling material.

See section 8 for specifics on protective personal equipment (PPE).

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Avoid breathing vapor or mist.

Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Absorb spill onto suitable non-flammable absorbent materials and place in closed containers.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.

Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Avoid breathing vapor or mist.

Avoid contact with skin, eye or clothing.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Use good personal hygiene practices.

Wash hands after use.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Report ventilation failures immediately.

Use only with adequate ventilation to control air contaminants to their exposure limits.

Storage Room Requirements

Avoid temperature extremes. Prevent from freezing and avoid storage temperatures above 115F, (46C). Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physicaldamage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes.
Containers that have been opened must be carefully resealed to prevent leakage. Empty containers with any residue should be handled by following disposal instructions in Section 13. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.

Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers.

Keep container(s) tightly closed and properly labeled.

Containers that have been opened must be carefully resealed to prevent leakage.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Wear eye protection with side shields or goggles.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced.
Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly dispose of contaminated material, which cannot be decontaminated.

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves.

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity.

Always seek advice from glove suppliers.

Contaminated gloves should be replaced.

Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber.

Respiration protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed.

Check with respiratory protective equipment suppliers.

Chemical Name	OSHA STEL (ppm)	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (mg/m3)	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	NIOSH STEL (mg/m3)
DIETHYLENE GLYCOL MONOBUTYL ETHER								
ISOPARAFFINIC PETROLEUM DISTILLATE		500	2000			1		
POLYVINYL CHLORIDE								

Chemical Name	NIOSH STEL (ppm)	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	ACGIH	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis	ACGIH STEL (mg/m3)
DIETHYLENE GLYCOL MONOBUTYL ETHER				1			Hematologic,liver & kidney eff	
ISOPARAFFINIC PETROLEUM DISTILLATE				1	[A2[N159]A2 [N800]]; [A4 [N159]A4 [N800]];	[A2[N159]A2 [N800]]; [A4 [N159]A4 [N800]];	URT irr [N159]URT irr [N800]	
POLYVINYL CHLORIDE				1	A4	A4	Pneumoconiosis; LRT irr; pulm func changes	

Chemical Name	ACGIH STEL (ppm)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
DIETHYLENE GLYCOL MONOBUTYL ETHER			10(IFV)
ISOPARAFFINIC PETROLEUM DISTILLATE		[(L)[N159](L) [N800]]; [5 (I) [N159]5 (I) [N800]];	(L)[N159](L) [N800]
POLYVINYL CHLORIDE		1 (R)	

(C) - Ceiling limit, (R) - Respirable fraction, A4 - Not Classifiable as a Human Carcinogen, eff - Effects, func - Function, irr - Irritation, LRT - Lower respiratory tract, pulm - Pulmonary, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	9.02148 lb/gal
Coefficient Water/Oil	N/A
Appearance	N/A
Odor Threshold	N/A
Odor Description	N/A
pH	N/A
Water Solubility	N/A
Flammability	Flash point at or above 200°F/93°C

Flash Point Symbol	>
Flash Point	93.33330 °C
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	Heavier than air
Freezing Point	N/A
Melting Point	N/A
Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	Slower than butyl acetate

SECTION 10) STABILITY AND REACTIVITY

Stability

This material is stable under normal temperature and storage conditions.

Stable under normal storage and handling conditions.

Conditions To Avoid

Prolonged exposure to temperatures above 300 °F (148 °C).

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

Hazardous Reactions/Polymerization

Will not occur.

No data available.

Incompatible Materials

Strong oxidizers.

Strong bases, acids, and oxidizing agents.

Hazardous Decomposition Products

Hydrogen chloride and oxides of carbon.

Oxides of carbon.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

The substance can be absorbed into the body by inhalation of its vapour and by ingestion.

Skin Corrosion/Irritation

Based on available data, the classification criteria are not met.

Serious Eye Damage/Irritation

Based on available data, the classification criteria are not met.

0000112-34-5 DIETHYLENE GLYCOL MONOBUTYL ETHER

Can be irritating to the eyes.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

The vapour is mildly irritating to the eyes.

Respiratory/Skin Sensitization

Based on available data, the classification criteria are not met.

0000112-34-5 DIETHYLENE GLYCOL MONOBUTYL ETHER

May cause dryness and cracking.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

The substance defats the skin, which may cause dryness or cracking.

Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive Toxicity

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure

Based on available data, the classification criteria are not met.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

May cause effects on the central nervous system.

Specific Target Organ Toxicity - Repeated Exposure

Based on available data, the classification criteria are not met.

Aspiration Hazard

Based on available data, the classification criteria are not met.

Acute Toxicity

Based on available data, the classification criteria are not met.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

If swallowed, can easily enter the airways and could result in aspiration pneumonitis.

If swallowed, can easily enter the airways and could result in aspiration pneumonitis. Inhalation of high concentrations may cause dizziness, anesthesia, unconsciousness.

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

Based on available data, the classification criteria are not met.

Persistence and Degradability

0000112-34-5 DIETHYLENE GLYCOL MONOBUTYL ETHER

Readily biodegradable.

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

Bioaccumulative Potential

No data available.

Mobility in Soil

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

0000112-34-5 DIETHYLENE GLYCOL MONOBUTYL ETHER

The substance is not PBT / vPvB.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation and reuse.

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste.

Waste management should be in full compliance with national, state and local laws.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

No data available.

IMDG Information

No data available.

IATA Information

No data available.

SECTION 15) REGULATORY INFORMATION

Warning

California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

CAS	Chemical Name	% By Weight	Regulation List
0009002-86-2	POLYVINYL CHLORIDE	22% - 27%	SARA312,TSCA
Trade Secret	Trade Secret Plasticizer	3.9% - 6%	SARA312,TSCA
0026544-23-0	Phosphorous acid, isodecyl diphenyl ester	0.0% - 0.2%	SARA312,TSCA
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	0.0% - 0.2%	SARA312,TSCA
0025550-98-5	Phosphorous acid, diisodecyl phenyl ester	Trace	SARA312,TSCA
0000101-02-0	TRIPHENYL PHOSPHITE	Trace	SARA312,TSCA
0000112-34-5	DIETHYLENE GLYCOL MONOBUTYL ETHER	Trace	SARA313, CERCLA,SARA312,TSCA
0007440-66-6	ZINC	Trace	SARA313, CERCLA,SARA312,TSCA
Trade Secret	Trade Secret Additive	Trace	CERCLA,SARA312,TSCA

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE

Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA National Fire Protection Association; OEL-Occupational Exposure Limits; OSHA-Occupational Safety and Health Administration, US Department of Labor; PEL-Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

Additional Information

Any concentration shown as a range is to protect confidentiality or is due to batch variation

Version 1.0:

Revision Date: Jun 21, 2022

First Edition.

DISCLAIMER

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