

SAFETY DATA SHEET

DATE: 22/9/2023

I. IDENTIFICATION

Supplied by/Manufacturer: **SURQUIMICA S.A.**
Calle 38, contiguo al cementerio La Uruca
San José, Costa Rica, Centro América

Tel Information: (506) 2211-3800
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703-527-3887

SURQUIMICA S.A.: (506) 2211-3911

Product name: KLEAR PROTECTOR PARA TELAS

Kind: protector

Brand: KLEAR

Code: 529-35850-900

II. CLASSIFICATION

Class

Class 3 Flammable liquid Flammable liquid.

III. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>No CAS</u>	<u>% P/P</u>
Isoparaffin hydrocarbon	64742-48-9	95-100
Stoddard Solvent	8052-41-3	1-5
Polytrimethylhydrosyl silicate	68988-56-7	1-5
Titanium isopropoxide (IV)	546-68-9	0.1-1.0
Xylene	1330-20-7	0.1-1.0
2-ethylhexane-1,3-diol; octylene glycol	94-96-2	0.1-1.0

IV. HEALTH RISK

General emergency summary Highly flammable.

Ingestion: Harmful if swallowed. It can cause gastrointestinal disturbances with headache, dizziness and a feeling of drunkenness

Dermal Contact: Prolonged and repeated contact with the skin may cause dermatitis, drying and degreasing due to solvent properties.

Inhalation: Prolonged, repeated or high exposures may cause central nervous system weakness and depression. In extreme cases, drowsiness and possible loss of consciousness may occur. Inhalation of high concentrations may cause headache, nausea and dizziness. Inhalation may cause irritation of the respiratory tract (nose, mouth, mucous membranes).

Eye Contact: Risk of eye injury. Mists and vapors may cause moderate eye irritation.

Primary routes of entry: Skin contact, Ingestion, Eye contact

V. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. If the person is conscious, drink 8-10 ounces (250-300mL) of water immediately. Call a doctor immediately.

Inhalation: If inhaled, remove person to fresh air. Administer oxygen if necessary. Consult a doctor if symptoms persist or if exposure was severe.

Dermal contact: In case of contact, wash skin immediately with soap and water.

Eye contact : If material gets into eyes, flush immediately with water for 15 minutes. Consult a doctor.

VI. FIRE AND EXPLOSION HAZARDS

Flashpoint (°C): 13

Flammability limits % volume: LIE: N.D.; LSE: N.D.

Recommended extinguishing agents: fog, chemical powder, carbon dioxide

Explosion and fire hazards: Flammable liquid. Vapors may form a flammable mixture with air. Vapors may spread along surfaces to a distant ignition source and ignite.

Firefighting procedure: In case of fire, protect yourself with self-contained breathing apparatus. Evacuate personnel to safe zones.

Hazardous combustion products: Carbon dioxide and monoxide

VII. ACCIDENTAL RELEASE MEASURES

If spilled or leaked: Dispose of material in accordance with all federal, state and local regulations. Form a dam to prevent entry into any sewer or waterway. Transfer the liquid to a holding container. Keep people away from the leak area and away from the wind. Adsorption on inert material (e.g. sand, diatomite, acid binder, universal binder, sawdust)

Waste Disposal: Do not dispose of waste in sewer. Do not throw waste down the drain. Do not discharge into surface water or sanitary sewage system. If it cannot be recycled, dispose of it according to local regulations.

VIII. HANDLING AND STORAGE

Storage temperature: Store at a temperature between 20-30 °C

Handling instructions: Keep out of reach of children. Hazardous residue may remain in the empty container. Do not reuse empty containers without commercial cleaning or reconditioning. Take precautions against electrostatic discharge. Keep away from open flames, hot surfaces and ignition sources. Handle with appropriate industrial hygiene precautions and follow safety practices.

Storage: Keep container closed when not in use. Keep the container in a well-ventilated place. Store in a cool, dry place.

IX. PERSONAL PROTECTION

Ventilation: Use only explosion-proof electrical equipment. Make sure a suitable ventilation, specially in closed places.

Respiratory protection: In case of insufficient ventilation, use appropriate respiratory equipment.

Skin protection: Use nitrile or neoprene gloves.

Eye protection: protective glasses with side covers

A safety shower and eyewash station should be located in the immediate work area.

X. PHYSICAL AND CHEMICAL PROPERTIES

Color: yellowish	Density (g/mL): 0.76
Appearance: liquid	pH: n.a
Odor: solvent	Flashpoint (°C): 45
Vapor density (air = 1.0): > 1.0	V.O.C. (g/L): N.D
Water solubility: non-soluble	

XI. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Risk of dangerous polymerization: No.

Incompatibility: avoid oxidizing agents, acids and bases

Thermal decomposition products: Thermal decomposition may release irritating gases and vapors.

XII. TOXICOLOGICAL INFORMATION

There is no data for the product as such, the criteria issued are according to the data reported by the manufacturers of the raw materials.

<u>Hazardous components</u>	<u>No CAS</u>	<u>Oral DL50</u>
Isoparaffin hydrocarbon	64742-48-9	10000
Stoddard Solvent	8052-41-3	500 mg/kg
Polytrimethylhydrosyl silicate	68988-56-7	N.D.
Titanium isopropoxide (IV)	546-68-9	7236 mg/kg
Xylene	1330-20-7	4300 mg/kg
2-ethylhexane-1,3-diol; octylene glycol	94-96-2	1900 mg/kg

XIII. ECOLOGICAL INFORMATION

There are no eco-toxic studies on the final product. Because there is no data on how it can act on the ecology, it is recommended to avoid entering surface and/or groundwater.

XIV. DISPOSAL INFORMATION

Disposition: Do not throw waste down the storm sewer. If it cannot be recycled, dispose of it according to local regulations.

XV. TRANSPORT INFORMATION

Shipping name: Flammable Liquid

UN number: 1993

Class: 3

Packing group: III

XVI. REGULATORY INFORMATION

National regulation: No Information.

Other regulations: No Information.

XVII. OTHER INFORMATION

Products included in this safety data sheet (identified by their code): 35850-900

HMIS (Hazardous Material Information System)

Health: 2 - Mild
Flammability: 2 –flammable
Reactivity: 0 – No danger
Personal protection: B

NFPA (National Fire Protection Association)

Health: 2 - Mild
Flammability: 2 –flammable
Reactivity: 0 – No danger
Personal protection: __N/A

The HMIS and NFPA values imply interpretations of the data, which may vary from company to company, and are intended to allow quick and general identification of the magnitude of the specific hazard. In order to handle this product safely, all the information contained in this safety data sheet must be taken into account.

Note: The recipient should try to have this safety data sheet sent to any transporter or eventual user of our product. The information offered in this safety data sheet is based on data provided by our suppliers and

data determined in our plant, even though we have considered to be reliable with the information, the product is sold to be used for a defined purpose. SURQUIMICA S.A. assumes no responsibility to the purchaser of this product or to any second or third person for damages caused by its use.