SAFETY DATA SHEET

1. Identification

Product Name: Plasticote Clear Protective Lacquer

Recommended use: Aerosols

Recommended restrictions: Not known

Manufacturer/Importer/Supplier/Distributor information

Company name: Shenzhen Sunrise New Energy CO., Ltd.

Address: Rm. 509-514, 516, 5F, HaloPlaza Phase 1, No. 8 Liyuan Road, Sungang, Luohu District, Shenzhen, China

Telephone: +86-0755-86922999

Website: www.7cfindustries.com

E-mail: international@szsunrisene.com

Emergency phone number: +86-0755-86922818

2. Hazards Identification

2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS classification(s) Aerosols - Flammable: Category 1

Aerosols - Pressurized: Category 1

Serious Eye Damage / Eye Irritation: Category 2A

Specific Target Organ Systemic Toxicity (Single Exposure): Category 3

2.2 Label elements Signal word DANGER

Pictogram(s) 

Hazard statement(s)

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

AUH066 Repeated exposure may cause skin dryness or cracking

Response statement(s)

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage statement(s)

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 49°C.

Disposal statement(s)

P501 Dispose of contents/container in accordance with relevant regulations.

2.3 Other hazards

No information provided.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER or doctor/physician if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding49°C.

Dispose of contents/container in accordance with relevant regulations.

3. Composition/information on ingredients

Chemical name	CAS No.	CONTENTS (wt%)
Xylene, mixture of isomers	1330-20-7	5-20
ACETONE	67-64-1	5-20
Butyl acetate	123-86-4	5-20
Acrylic resin	9010-77-9	10-30
Propane	344239-80-1	10-20
Butane	22612-53-9	10-30
pigment	6471-49-4	5-20

Note: The exact percentages are a trade secret.

4. First Aid Measures

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line

respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

First aid facilities No information provided.

5. Fire Fighting Measures

5.1 Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

5.2 Special hazards arising from the substance or mixture

Highly flammable aerosol. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, pilot lights, heaters, naked lights, mobile phones, etc when handling.

5.3 Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use water fog to cool intact containers and nearby storage areas.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

7. Handling and Storage

7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool (< 50°C), dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure aerosol containers/ cans are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for damaged/ leaking containers. Large storage areas should have appropriate fire protection systems.

8. Exposure Controls/Personal Protection

Engineering measures: Provide adequate ventilation to maintain the flammable vapor concentration well below the LEL and ensure the airborne concentration of substances to which an OES has been assigned is below that level.

Respiratory protection: Air-fed respiratory equipment should be worn when this product is sprayed if the exposure of the sprayer or other people cannot be controlled below the OEL and engineering controls and other measures cannot reasonably be improved.

Hand protection: When skin exposure may occur, advice may be sought from the glove suppliers on appropriate types. Barrier creams may help to protect exposed skin but are not suitable for full physical protection.

Eye protection: Eye protection designed to protect from liquid splashes should be worn.

Skin protection: Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a preparatory skin cleaner.

9. Physical and Chemical Properties

Appearance	CLEAR LIQUID (AEROSOL DISPENSED)
Odour	SOLVENT ODOUR
pH	N/A
Specific Gravity	0.9
Viscosity	N/A
Flammability Limit (in air, % by volume) LEL	0.8
Flammability Limit (in air, % by volume) UEL	13.0

Vapour Pressure	N/A
Flammability	HIGHLY FLAMMABLE
Flash point	10°C
Boiling point	80°C
Melting point	N/A

10. Stability and Reactivity

10.1 Chemical stability

Stable under recommended conditions of storage.

10.2 Possibility of hazardous reactions

Polymerization is not expected to occur.

10.3 Conditions to avoid

Avoid shock, friction, heavy impact, heat, sparks, open flames and other ignition sources.

10.4 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

10.5 Hazardous decomposition products

May evolve carbon oxides and hydrocarbons when heated to decomposition.

11. Toxicological Information

ACUTE HEALTH EFFECTS

SWALLOWED

Not normally a hazard due to physical form of product.

Ingestion may result in nausea, pain, vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

Considered an unlikely route of entry in commercial/industrial environments

EYE

The material may produce severe irritation to the eye causing pronounced inflammation.

Repeated or prolonged exposure to irritants may produce conjunctivitis.

SKIN

Spray mist may produce discomfort.

Toxic effects may result from skin absorption.

The material may accentuate any pre-existing skin condition.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (non-allergic). This form of dermatitis is often characterized by skin redness (erythema) and swelling the epidermis.

Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.

INHALED

Inhalation hazard is increased at higher temperatures.

Acute effects from inhalation of high concentrations of vapour are pulmonary irritation, including coughing, with nausea; central nervous system depression -characterized by headache and dizziness, increased reaction time, fatigue and loss of co-ordination.

If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death.

WARNING: Intentional misuse by concentrating/inhaling contents may be lethal.

12. Ecological Information

The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface water.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

Xylene is likely to bioaccumulate, but with short retention of the order of a week or less. It is likely to be moderately toxic to aquatic organisms and it will biodegrade although it will float on water and evaporate slowly.

Acetone has no bioaccumulation potential, not acutely toxic to aquatic organisms and has good biodegradability.

13. Disposal Considerations

Consult State Land Waste Management Authority for disposal.

Discharge contents of damaged aerosol cans at an approved site.

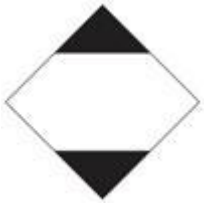
Allow small quantities to evaporate.

DO NOT incinerate or puncture aerosol cans.

Bury residues and emptied aerosol cans at an approved site.

14. Transportation Information

Shipping label



Marine pollutants	None
UN Dangerous Goods Number (UNNo.)	1950
United Nations correct shipping name	AEROSOL
Main hazard categories for transportation	2.1
Transport minor hazard category	None
Packing category	For packing requirements, please refer to the packing specification corresponding to the UN number

15. Regulatory information

Comply with local regulations

16. Other Information:

It is Company Policy to maintain the most accurate and up to date information possible, and Shenzhen sunrise new energy co., ltd aims to review these Data regularly. The information contained herein is based on data considered accurate and reliable to the best of our knowledge as of the date issued and subsequently made available from Shenzhen sunrise new energy co., ltd However, no warranty is expressed or implied regarding the accuracy of these Data or the results to be obtained from the use hereof. Persons using these Data are urged by Shenzhen sunrise new energy co., ltd to satisfy themselves that these Data are the latest available from Shenzhen sunrise new energy co., ltd and remain current and suitable for particular applications after intervening periods of time. Shenzhen sunrise new energy co., ltd assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such users or vendees assume all risks associated with the use of the material.