

Safety Data Sheet

Clear Coating Series

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1.PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Hugee Precise Technology Co.,Ltd.
10F-6, No.5,Sec.3, New Taipei Blvd.,Xinzhuang Dist., New Taipei City 242, TaiWan.
Contact: HP Shen

Product Name: Clear Coating
Revision Date: 2019
Version: 2
SDS Number: Clear Coating
Common Name: CAS Poly-Dlc Mixture
Number: Product Code: Proprietary Formulation
Chemical Family: Clear Coating Series
Product Use: Poly-Dlc Matrix
Poly-Dlc Industrial Coating

2.HAZARDS IDENTIFICATION

Hazard Classification: Respiratory or skin sensitization Category 1; Flammable liquids Category 3; Serious eye damage/eye irritation Subcategory 2A; Skin corrosion/irritation Category 1

Hazard Sign



Route of Entry:

Eyes, Ingestion, Inhalation, Skin

Target Organs:

Central Nervous System, Kidneys, Liver

Inhalation:

May produce symptoms of central nervous system depression including headache, dizziness, nausea, loss of balance, and drowsiness

Skin Contact:

May be irritating

Eye Contact:

May be irritating

Ingestion:

Ingestion may cause damage to the lining of the gastrointestinal tract

3.COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CAS NO

CHEMICAL NAME

CONTENT wt% Lower Upper

9006-65-9	Poly-Dlc Proprietary mixture	20%	40%
54-88-9	Tert-Buty-Acetate	25%	50%
64741-66-8	Petroleum Solvet	15%	20%

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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately. Wash thoroughly with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash all clothing before re-use. If irritation persists, seek medical attention.
Skin Contact:	
Eye Contact:	Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention. Do not induce vomiting. Seek medical attention immediately.
Ingestion:	

5. FIRE FIGHTING MEASURES

Flash Point:	38°C
Flash Point Method:	Close cup
Burning Rate:	Not available
Autoignition Temperature:	Not available
LEL:	Not available
UEL:	Not available
Flammability Classification:	NFPA Class IB Flammable Liquid

Extinguishing Media:

Carbon dioxide, dry chemical powder, or appropriate foam.

Fire Fighting Procedures:

Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition.

Use water spray to cool containers and avoid pressure build-up. Wear self-contained breathing apparatus and full protective clothing.

Fire and Explosion Hazard:

Combustible Liquid. Over-heated containers may rupture.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Evacuate all unnecessary personnel and eliminate all sources of ignition.

Environmental Precautions:

Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, or federal agencies.

Small Spills:

Cover with an inorganic absorbent, such as vermiculite, perlite, ground clay, or sand; sweep up, and dispose of appropriately. Clean contaminated area with soap and water.

Large Spills:

Dike to contain and pump into drums for disposal. Add vermiculite absorbent to remaining material (as above).

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7. HANDLING AND STORAGE

Handling Precautions:	<p>Keep away from heat, sparks, pilot lights, welding operations, and open flames. Do not eat, drink, or smoke in areas where this material is used. Do not get in eyes, clothing, or on skin. Keep away from heat, sparks, pilot lights, welding operations, and open flames. Ground all equipment Vapors are heavier than air and will tend to collect in low areas. Avoid use in confined spaces. Areas of poor ventilation could contain concentrations high enough to cause unconsciousness and death. Use approved air respirator following manufacturer's recommendations where vapors may be generated. Wash thoroughly with soap and water after handling. Keep container properly closed and properly labeled.</p>
Storage Requirements:	<p>Store in a cool dry place designated for combustible liquid storage. Keep away from heat, sparks, and open flame. Vent periodically, if needed, to release head pressure.</p>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Adequate room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits. Use of fume hoods or closed booths recommended when product is used in a manner that may generate mist or aerosol.
Protective Equipment:	HMIS PP, C Goggles, Gloves, Apron
Exposure Guidelines/Other:	<p>Other: Emergency shower and eyewash facility should be in close proximity. Completely isolate and thoroughly clean all equipment, piping or vessels with a high flash, non-polar solvent before beginning maintenance or repairs.</p> <p>CAS#; 540885 ACGIH 200ppm 950 mg/m³, 8 hrs /TWA OSHA 200ppm TWA 98566 PEL: Not est. TLV: Not est. CEL: 25 ppm 8hr TWA 108883 ACGIH TLV 50pp, OSHA CLV 300ppm, OSHA TWA 200ppm</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid with a slight ammonia odor. Color varies with product number.		
Physical State:	Liquid	Boiling Point:	>=139°C
Odor:	Ammonia	Freezing/Melting Pt.:	<-40°C
pH:	8-9	Solubility:	Water
Vapor Pressure:	Undetermined	Spec Grav./Density:	0.8
Vapor Density:	Undetermined		

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10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	High temperatures
Materials to avoid (incompatibility):	Reacts vigorously and exothermically with isocyanates. Material will react slowly with water and other protic solvents. This product may react with mineral acids, alkalies, and oxidizing agents. Caution should be taken when mixing this product with any of these materials.
Hazardous Decomposition products:	Carbon monoxide, carbon dioxide, silicon dioxide
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Carcinogenicity Information:
Not listed as a carcinogen by NTP; not regulated as a carcinogen by OSHA; not evaluated by IARC Reported Human Effects: No human studies have been conducted with this material. The use of recommended protective equipment should prevent any adverse effects.
Reported Animal Effects:
Oral LD50, rat: 200-2000 mg/kg
Skin irritation, rabbit; severe erythema with signs of necrosis after 1-hour exposure.

12. ECOLOGICAL INFORMATION

Avoid release to surface waters and waste treatment systems. This material may be hazardous to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Do not mix this product with aqueous or other protic waste streams. Incinerations of combustible waste material in a permitted facility in accordance with the local, state, and federal regulations is the recommended disposal method.

14. TRANSPORT INFORMATION

UN No: Not regulated.
Transport Information: No any special instructions
Packing Group: Not applicable
Rail/road transport: GGVS/GGVE: Not available
Sea transport: GGV-See/IMDG: Not regulated
Air transport: IATA/ICAO: Not available
Marine pollutant: Not listed

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15. REGULATORY INFORMATION

*tert-Butyl acetate (540885 n/a%) CERCLA,CSWHS,MASS,OSHAWAC, PA, TXAIR

Canadian DSL Inventory Status :All components of this product are listed on the Canadian DSL Inventory List

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List OSHAWAC
= OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

16. OTHER INFORMATION

U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Safety Data Sheet available to all your employees.

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