MSDS TEST REPORT

For

shenzhen creality 3d technology Co., Ltd.

Product Name:	TDS rigid resin
Brand Name:	N/A
Model Number:	TDS rigid resin
Prepared For:	shenzhen creality 3d technology Co., Ltd.
Address:	2th Floor, Building No.3, jincheng industrial Area, Tongsheng
Prepared By:	DL Certification & Testing Co., Ltd.
Address:	4/F, Building B, NO.41, Guiping Road, Heao Community, Henggang Street, Longgang District, Shenzhen, China
Report No.:	DL-2019020377R

TEST RESULT CERTIFICATION

Applicant	:	shenzhen creality 3d technology Co., Ltd.
Address	:	2th Floor, Building No.3, jincheng industrial Area, Tongsheng
Manufacturer	:	Shenzhen Creality3d Intelligent &Technology Co., Ltd
Address	:	2/F, Block F, No.11, Yujianfeng Industrial Area, No.289 Huafan Road, Tongsheng Community, Dalang Street, Longhua District, Shenzhen, China
EUT	:	TDS rigid resin
Brand Name:	:	N/A
Model Number	:	TDS rigid resin
Date of Receipt:	:	Feb. 26, 2019
Test Date	:	Feb. 26, 2019 - Mar. 01, 2019
Date of Report	:	Mar. 01, 2019

Prepared by(Engineer): Kiko Zeng

Reviewer(Supervisor): Neo Wang

Approved(Manager): Jade Yang

This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of DL Certification & Testing Co., Ltd.

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product name: TDS rigid resin
Manufacturer Company: Shenzhen Creality3d Intelligent &Technology Co., Ltd
Address: 2/F, Block F, No.11, Yujianfeng Industrial Area, No.289 Huafan Road, Tongsheng Community, Dalang Street, Longhua District, Shenzhen, China
Post code: N/A
Tel: --
Fax: --
MSDS Number: DL-2019020377R
MSDS Date: Mar. 01, 2019

Section 2 – Composition/Information on Ingredient

Composition:

Chemical composition	CAS No.	Contents
Ethyl methacrylate	868-77-9	/
Benzophenone	119-61-9	/
Polyacrylate-2 cross linked polymer	31759-42-9	/
Trimethylolpropane triacrylate	15625-89-5	
CI15850	5281-04-9	/
15985	2783-94-0	
17200	3567-66-6	
77491	1309-37-1	
77492	51274-00-1	
77499	12227-89-3	
77510	14038-43-8	/
77891	13463-67-7	
77742	10101-66-3	

Section 3 – Hazards Identification

This material is not considered to be hazardous.

Physical / Chemical Hazards

N/A

Health hazards

No adverse effects due to inhalation are expected. When heated, the vapour/fumes given off may cause respiratory tract irritation.

Section 4 – First Aid Measures

Inhalation:

In case of adverse exposure to vapors and / or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest.

Skin Contact:

Wash contact areas with soap and water. For hot product: Immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.

Eye Contact:

Rinse eyes with water as a precaution.

Ingestion:

First aid is normally not required. Seek medical attention if discomfort occurs.

Section 5 – Fire Fighting Measures

Extinguishing Media:

Appropriate Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Inappropriate Extinguishing Media: Not flammable..

Fire Fighting:

Fire Fighting Instructions: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Hazardous Combustion Products: Flammable hydrocarbons, Oxides of carbon, Smoke, Fume, Incomplete combustion products.

Section 6 – Accidental Release Measures

Notification Procedures:

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental Precautions:

N/A

Section 7 – Handling and Storage

Handling:

Avoid elevated temperatures for prolonged periods of time. Protect material from direct sunlight. Material can accumulate static charges which may cause an electrical spark (ignition source). Apart from the specific nature of the polymer product, conditions such as humidity, sunlight and temperature.

Loading/Unloading Temperature: [Ambient]

Transport Temperature: [Ambient]

Storage:

Strong bases. Strong acids. Oxidizing agent..

Storage Temperature: 0℃—50℃

Section 8 – Exposure Controls /Personal Protection

Engineering Controls:

N/A

Personal Protection:

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection

If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include.

No special requirements under ordinary conditions of use and with adequate ventilation.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection

If product is hot, thermally protective gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves.

Eye Protection

If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection

If product is hot, thermally protective, chemical resistant apron and long sleeves are recommended.

Specific Hygiene Measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Section 9 – Physical And Chemical Properties

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

General Information:

Physical State:	Liquid
Form:	Liquid
Colour:	Blackish Green
Odour:	characteristic.

Important Health, Safety, And Environmental Information:

Relative Density (at 18 C):	N/A
Density (at 18 ºC):	N/A
Flash Point [method]:	N/A
Flammable Limits (Approximate volume % in air):	LEL: N/D UEL: N/D
Autoignition Temperature:	N/A
Boiling Point / Range:	＞260℃
Vapour Density (Air = 1):	N/A
Vapour Pressure:	N/A
Evaporation Rate (N-Butyl Acetate = 1):	N/A
pH:	N/A
Log Pow (n-Octanol/Water Partition Coefficient):	N/A
Solubility in Water:	Negligible

Section 10 – Stability And Reactivity

Stability:

Material is stable under normal conditions.

Conditions To Avoid:

Avoid elevated temperatures for prolonged periods of time.

Hazardous Decomposition Products:

Material does not decompose at ambient temperatures.

Hazardous Polymerization:

Will not occur.

Section 11 –Toxicological Information

Route of Exposure	Conclusion / Remarks
Inhalation	
Toxicity:	Not classified
Irritation:	Not classified.
Ingestion	
Toxicity:	Not classified.
Skin	
Toxicity:	Not classified.
Irritation:	Not classified.
Eye	
Irritation:	Not classified.

Section 12 –Ecological Information

The information given is based on data available for the material, the components of the material, and similar materials.

Ecotoxicity

Material -- Not expected to be harmful to aquatic organisms.

Material -- Not expected to be harmful to terrestrial organisms.

Section 13 –Disposal Considerations

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Disposal Recommendations

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

Section 14 –Transport Information

LAND : Not Regulated for Land Transport.

SEA (IMDG) : Not Regulated for Sea Transport according to IMDG-Code.

AIR (IATA) : Not Regulated for Air Transport.

Section 15 – Regulatory Information

Material is not hazardous as defined by the EU Dangerous Substances/Preparations Directives.

Section 16 – Additional Information

N/D = Not determined, N/A = Not applicable

This Safety Data Sheet and the information therein does not constitute the user's own assessment of work place risk as required by other Health & Safety legislation.

※※※※※ **END OF REPORT** ※※※※※