

Report No.: UTLR24101727-2R3 Page 1 of 17

Report Date: Dec.23,2024

Applicant : SHENZHEN SHANGQIU TECHNOLOGY CO.,LTD

Address : 1ST-2ND FLOOR, BUILDING E AND F, NEIHUAN ROAD, SHAN XIA

SHAN KENG, PING HU STREET, LONGGANG AREA, SHENZHEN,

CHINA.

Sample Information: Below sample and sample information are provided by client

Sample Name : CHALK MARKER/LIQUID CHALK MARKER

Style No. : FL-001;FM-460;FM-204;FM-150;FM-201;FM-200;FM-408;

FM-200N;FM-136;FBA-3422-0014-EHZ;FBA-3422-0015-EHZ;

FBA-3422-0011-EHZ

Manufacturer : SHENZHEN SHANGQIU TECHNOLOGY CO.,LTD

Manufacturer : 1ST-2ND FLOOR, BUILDING E AND F, NEIHUAN ROAD, SHAN XIA

address SHAN KENG, PING HU STREET, LONGGANG AREA, SHENZHEN,

CHINA.

Export to : USA

Transport Fashion : By sea,by air

Prepared Date : 2024-10-21 to 2024-11-20

RESULT SUMMARY:

TEST REQUESTED	CONCLUSION(S)
Safety Data Sheet(SDS)	See next pages

Remark: this is the revised version of UTLR24101727-2R2, flam.grade was revised, the original version was deemed to be null and invalid hereby.



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Dongguan Universal Testing Technology Co., Ltd

3rd Floor, HuiHai Building, No.631 Yinlang South Road, Dalang Town, Dongguan City, Guangdong province, China. Post Code: 523785



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Section 1 - Chemical Product and Company Identification

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SHAN XIA SHAN KENG,PING HU STREET, LONGGANG

AREA, SHENZHEN, CHINA.

Section 2 - Hazards Identification

2.1Classification of the substance or mixture In accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flammable Liquids (category 4) H226: Combustible Liquid and vapor

2.2Label elements according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard Statement: Combustible Liquid

Signal Word: Warning!

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use non-sparking tools.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Physical and chemical hazards

Referring to current information, no physical or chemical hazard.

2.4 Health hazards

Referring to current information, no health hazard.

2.5 Environmental hazards

Referring to current information, no environmental hazard.

2.6 Other hazards - none

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Section 3 - Composition/Information on Ingredients

Admixture Composition:

				1	
	Chemical	Name	CAS No.	EC No.	Composition (in% by weight)
Major	Titanium	Doxide (C47051)	13463-67-7	236-675-5	8.6
ingredien ts(71.5%)	Isop	ropyl Alcohol H3)2CHOH)	67-63-0	200-661-7	7.5
	W	ater (H2O)	7732-18-5	231-791-2	47.9
	Disp	ersing Agent	8052-41-3	232-489-3	7.5
Daylight Fluoresc	Green	C.I. Pigment Green-7	1328-53-6	215-524-7	28.5(mixed)
ent Pigment (28.5%)		GLYCERINE USP 99%(VEGETABL E)	56-81-5	200-289-5	
	Floresce nt Red	Fluorescent Red YJGG	16294-75-0	240-385-4	
	Floresce nt green	C.I. Pigment Green-7	1328-53-6	215-524-7	
	Floresce nt orange	C.I. Pigment Red-112	6535-46-2	229-440-3	
	Buttercu p	C.I. Pigment Red 170	2786-76-7	220-509-3	
	Marigold	C.I. Pigment Yellow 14	5468-75-7	226-789-3	
	Floresce nt Yellow	Disperse Gelb 82	27425-55-4	602-763-0	
	Black	C.I. Pigment Black-7	1333-86-4	215-609-9	
	Violet	2-[2-[4-[(2- chloroethyl)eth ylamino]-o- tolyl]vinyl]-1,3, 3-trimethyl-3H- indolium chloride	6441-82-3	229-227-5	
	Pink	C.I. 71137	4948-15-6	225-590-9	
	Light	KR-2000	13463-67-7	236-675-5	
	Blue	C.I. 74160	147-14-8	205-685-1	

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Neon	KR-2000	13463-67-7	236-675-5
Yellow	Disperse Gelb 82	27425-55-4	602-763-0
White	KR-2000	13463-67-7	236-675-5
Metallic	4516-A	1344-28-1	215-691-6
Pink	Fluorescent Red YJGG	16294-75-0	240-385-4
	KA-100	13463-67-7	236-675-5
Metallic	4516-A	1344-28-1	215-691-6
Green	C.I. Pigment Green-7	1328-53-6	215-524-7
	KR-2000	13463-67-7	236-675-5
Metallic	4516-A	1344-28-1	215-691-6
Blue	C.I. 42655	6104-58-1	228-058-4
Metallic	KR-2000	13463-67-7	236-675-5
Bronze	4516-A	1344-28-1	215-691-6
Metallic	4516-A	1344-28-1	215-691-6
Silver	KR-2000	13463-67-7	236-675-5
Metallic	4516-A	1344-28-1	215-691-6
Gold	KR-2000	13463-67-7	236-675-5
Honey Suckle	Fluorescent Red YJGG	16294-75-0	240-385-4
	KR-2000	13463-67-7	236-675-5
Flesh	P.Y.83	5567-15-7	226-939-8
Gardenia	P.Y.83	5567-15-7	226-939-8
Moss Green	C.I. Pigment Green-7	1328-53-6	215-524-7
Golden Yarrow	Pigment Yellow 150	68511-62-6	270-944-8
Wild	C.I. 42655	6104-58-1	228-058-4
Heather(Purple)	Fluorescent Red YJGG	16294-75-0	240-385-4
Crab	C.I. 21095	5468-75-7	226-789-3
Apple	Fluorescent Red YJGG	16294-75-0	240-385-4
	C.I. 42655	6104-58-1	228-058-4
Floresce	C.I. 56110	84632-65-5	617-603-5
nt Pink	C47051	13463-67-7	236-675-5
Medium	C.I. 74160	-	
Blue/Flor escent Blue		147-14-8	205-685-1
Blue/Roy	C.I. 42655	6104-58-1	228-058-4

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al Blue			
Red	Fluorescent Red YJGG	16294-75-0	240-385-4

Section 4 - First Aid Measures

General advice: Consult a physician. Show this safety data to the doctor in attendance. Move out of dangerous area.

Skin touch: Remove contaminated clothes and rinse the skin with plenty of water and soap. Cool water should be used. Get medical aid if necessary.

Eyes touch: Lifting the upper and lower eyelids, flush the eyes with plenty of water for at least 15 minutes. Cool water should be used. Get medical aid if necessary. Continue rinsing eyes during transport to hospital.

Inhalation: Remove from exposure and move to fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available. Get medical aid.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person, Rinse out mouth. Drink sufficient hot water. Get medical aid.

Section 5 - Fire Fighting Measures Danger

Fire-Fighting method & media: use extinguish ant such as dry sand, chemical dry powder, alcohol-resistant foam to put out the fire.

Special protection equipment for firefighters: Firemen should wear proper protective equipment and positive pressure self-contained breathing apparatus.

Special hazards arising from the substance or mixture: Carbon oxides, Nitrogen oxides(NOx), Copper oxides, Aluminum oxide

Special remarks on Fire Hazards: No further relevant information available.

Section 6 –Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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Section 7 - Handling and Storage

Handling: Avoid contact with eyes. Avoid inhalation of vapour or mist. Take measures to prevent the build up of electrostatic charge. Supply with sufficient partial air exhaust. It is advised that the staff wear respirator, wear work clothes, and wear gloves. Keep away from sources of ignition-No smoking. Use explosion-proof type ventilation system and device. Avoid contacting with oxidizer and strong acid. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling. Empty the container which may include harmful material.

Storage: Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Hygroscopic. Away from fire, heat source, direct sunlight. With the oxidant and acid stored separately, avoid mixing reservoir. Equipped with the appropriate variety and quantity of fire equipment. Storage areas should be equipped with emergency treatment equipment for leakage and suitable housing materials.

<u>Section 8 - Exposure Controls, Personal Protection</u>

8.1 Control parameters

Ingredients with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
titanium(IV) oxide	13463-67- 7	PC-TWA	8mg/m3	Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.
	Remarks	G2B - Pos	sibly carcinogenic to hu	mans

Component	CAS-No.	Value	Control parameters	Basis
2-Propanol	67-63-0	PC-TWA	350mg/m3	Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.
		PC-STEL	700mg/m3	Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.

Component	CAS-No.	Value	Control parameters	Basis
Carbon black	1333-86-4	PC-TWA	4mg/m3	Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.
	Remarks	G2B - Possibly carcinogenic to humans		

Component	CAS-No.	Value	Control parameters	Basis

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aluminum oxide	1344-28-1	PC-TWA	4mg/m3	Occupational exposure
				limits for hazardous agents
				in the workplace - Chemical
				hazardous agents.

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
2-Propanol	67-63-0	Acetone	40mg/l	Urine	ACGIH -
					BiologicalExposure
					Indices(BEI)
	Remarks	End of shift at end of workweek			

Derived No Effect Level (DNEL) 2-Propanol

Application Area	Routes ofexposure	Health effect	Value
Workers	Inhalation	Long-term systemic effects	500 mg/m3
Workers	Skin contact	Long-term systemic effects	888mg/kg BW/d
Consumers	Inhalation	Long-term systemic effects	89 mg/m3
Consumers	Skin contact	Long-term systemic effects	319mg/kg BW/d
Consumers	Ingestion	Long-term systemic effects	26mg/kg BW/d

Predicted No Effect Concentration (PNEC)

2-Propanol

Compartment	Value
Soil	28 mg/kg
Sea water	140.9 mg/l
Fresh water	140.9 mg/l
Sea sediment	552 mg/kg
Fresh water sediment	552 mg/kg

8.2 Exposure controls

Personal protective equipment

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination(US) or type ABEK(EN 14387) respirator cartridges as a backup to engineering controls.

Eyes Protection: Safety glasses with side-shields conforming to EN 166.

Body Protection: Wear impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Environmental exposure controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Control measures must be made in accordance with community environmental protection legislation.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene. Change clothes, wash your hands after work.

Section 9 - Physical and Chemical Properties(information were provided by client)

Appearance Form: liquid

Color:as sample

Odor: essentially odorless

Odor Threshold: no data available

pH: 7

Meltingpoint/freezing point:no data available Initial boiling point and boiling range:100 $^{\circ}\mathrm{C}$

Flash point: >70°C

Evaporation rate: no data available

Flammability (solid,gas):no data available

Upper/lower flammability or explosive limits:no data available

Vapor pressure: no data available Vapor density: no data available Relative density(water =1):1.02 Water solubility: soluble in water

Partition coefficient(n-octanol/water):no data available

Autoignitiontemperature:no data available Decomposition temperature:no data available Viscosity Viscosity, kinematic: no data available

Viscosity, dynamic: no data available Explosive properties: no data available Oxidizing properties: no data available

Section 10 - Stability and Reactivity

10.1 Reactivity

The following applies in general to flammable organic substances and mixtures: incorrespondingly fine distribution, when whirled up a dust explosion potential may generallybe assumed.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no information available

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10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In the event of fire: see section 5

Section 11 - Toxicological Information

11.1 Information on toxicological effects Acute toxicity

Titanium dioxide

LD50 Oral - Rat - > 10,000 mg/kg Remarks: (External MSDS)

LC50 Inhalation - Rat - male and female - 4 h - 3.43 mg/l - dust/mist (OECD Test Guideline 403)

LD50 Dermal - Rabbit - > 10,000 mg/kg Remarks: (External MSDS)

2-Propanol

LD50 Oral - Rat - 5,840 mg/kg(OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - 37.5 mg/l - vapor(OECD Test Guideline 403)

LD50 Dermal - Rabbit - 12,800 mg/kgRemarks: (RTECS)

Carbon black

LD50 Oral - Rat - male and female - > 8,000 mg/kg (OECD Test Guideline 401)

Inhalation: No data available

LD50 Dermal - Rabbit - > 3,000 mg/kg Remarks: (RTECS)

C.I. 74160

LD50 Oral - Rat - male and female - > 2.000 mg/kg(OECD Test Guideline 401)

Inhalation: No data available

LD50 Dermal - Rat - male - > 5.000 mg/kg(OECD Test Guideline 402)

aluminum oxide

LD50 Oral - Rat - male and female - > 10,000 mg/kg(OECD Test Guideline 401)

LC50 Inhalation - Rat - male and female - 4 h - > 2.3 mg/l - aerosol(OECD Test Guideline 403)

Dermal: No data available

Skin corrosion/irritation

Titanium dioxide

Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404)

2-Propanol

Skin - RabbitResult: No skin irritation - 4 h(OECD Test Guideline 404)

Carbon black

Skin - Rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)

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C.I. 74160

Skin - RabbitResult: No skin irritation - 4 h(OECD Test Guideline 404)

aluminum oxide

Skin - RabbitResult: No skin irritation - 24 h(OECD Test Guideline 404)

Serious eye damage/eye irritation

Titanium dioxide

Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405)

2-Propanol

Eyes - Rabbit Result: Eye irritation(OECD Test Guideline 405)Remarks: (Regulation (EC) No

1272/2008, Annex VI)

Carbon black

Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405)

C.I. 74160

Eyes - RabbitResult: No eye irritation - 24 h(OECD Test Guideline 405)

aluminum oxide

Eyes - RabbitResult: No eye irritation(OECD Test Guideline 405)

Respiratory or skin sensitization

Titanium dioxide

Local lymph node assay (LLNA) - Mouse Result: negative (OECD Test Guideline 429)

2-Propanol

Buehler Test - Guinea pigResult: negative(OECD Test Guideline 406)

Carbon black

Buehler Test - Guinea pig Result: Does not cause skin sensitization. (OECD Test Guideline 406)

C.I. 74160

Maximization Test - Guinea pigResult: Does not cause skin sensitization.(OECD Test Guideline 406)

aluminum oxide

Draize Test - Guinea pig Result: Does not cause skin sensitization.- Mouse Result: Does not cause respiratory sensitization.

Germ cell mutagenicity

Titanium dioxide

Test Type: Mutagenicity (mammal cell test): chromosome aberration.

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Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 473

Result: negative

2-Propanol

Test Type: Ames test

Test system: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: In vitro mammalian cell gene mutation test

Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative

Test Type: In vivo micronucleus test

Species: Mouse

Cell type: Bone marrow

Application Route: Intraperitoneal injection

Method: OECD Test Guideline 474

Result: negative

Carbon black

Test Type: Ames test

Test system: Escherichia coli/Salmonella typhimurium Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative

Test Type: Mutagenicity (mammal cell test): chromosome aberration.

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 479

Result: negative Species: Rat

Application Route: Inhalation

Method: DNA repair Result: negative Pigment blue 15:3 Test Type: Hamster Test system: fibroblast

Metabolic activation: with and without metabolic activation

Result: negative Test Type: Ames test

Test system: S. typhimurium

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Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative Species: Mouse

Application Route: Intraperitoneal

Result: negative

Remarks: Mutation in mammalian somatic cells.

C.I. 74160

Test Type: Hamster Test system: fibroblast

Metabolic activation: with and without metabolic activation

Result: negative Test Type: Ames test

Test system: S. typhimurium

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Result: negative Species: Mouse

Application Route: Intraperitoneal

Result: negative

Remarks: Mutation in mammalian somatic cells.

aluminum oxide

Test Type: Ames testTest system: Bacillus subtilisResult: negativeRemarks: (IUCLID)

Carcinogenicity

2-Propanol

This product is or contains a component that is not classifiable as to its carcinogenicitybased on its IARC, ACGIH, NTP, or EPA classification.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

2-Propanol

Inhalation, Oral - May cause drowsiness or dizziness. - Central nervous systemRemarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

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11.2 Additional Information

2-Propanol

RTECS: NT8050000

Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible livereffects., Aspiration may lead to:, Lung edema, Pneumonia

To the best of our knowledge, the chemical, physical, and toxicological properties have notbeen thoroughly investigated.

After absorption: Headache Dizziness inebriation Unconsciousness narcosis

After uptake of large quantities:Coma

Handle in accordance with good industrial hygiene and safety practice.

Kidney - Irregularities - Based on Human Evidence

C.I. 74160

Endocrine disrupting properties

Product:

Assessment: The substance/mixture does not contain components considered to have endocrined srupting properties according to REACH Article57(f) or Commission Delegated regulation (EU)2017/2100 or Commission Regulation (EU)2018/605 at levels of 0.1% or higher.

Repeated dose toxicity - Rat - male and female - Oral - NOAEL (No observed adverse effectlevel) - 1.000 mg/kg

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

aluminum oxide

RTECS: BD1200000

Cough, chest pain, Difficulty in breathing, Gastrointestinal disturbance

To the best of our knowledge, the chemical, physical, and toxicological properties have notbeen thoroughly investigated.

Liver - Irregularities - Based on Human Evidence

Section 12 - Ecological Information 12.1 Toxicity

2-Propanol

Toxicity to fish

flow-through test LC50 - Pimephales promelas (fathead minnow) -9,640 mg/l - 96 h(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 13,299 mg/l - 48 hRemarks: (IUCLID)

Toxicity to algae

IC50 - Desmodesmus subspicatus (green algae) - > 1,000 mg/l - 72hRemarks: (IUCLID)

Toxicity to bacteria

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EC5 - Pseudomonas putida - 1,050 mg/l - 16 hRemarks: (Lit.)

Carbon black

Toxicity to fish

semi-static test LC50 - Danio rerio (zebra fish) - > 1,000 mg/l - 96 h (OECD Test Guideline 203)

Remarks: (above the solubility limit in the test medium)

Toxicity to algae

static test ErC50 - Desmodesmus subspicatus (green algae) - > 10,000 mg/l - 72 h (OECD Test

Guideline 201)

C.I. 74160

Toxicity to fish

mortality LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h(OECD Test Guideline 203)

mortality LC50 - Cyprinus carpio (Carp) - > 100 mg/l - 96 h(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

Immobilization EC50 - Daphnia magna (Water flea) - > 500 mg/l -48 h(Directive 67/548/EEC, Annex V, C.2.)

Toxicity to algae

static test EC50 - Desmodesmus subspicatus (green algae) - > 100mg/l - 72 h(OECD Test Guideline 201)

Toxicity to bacteria

Respiration inhibition EC50 - Sludge Treatment - > 10.000 mg/l - 3h(OECD Test Guideline 209)

Toxicity to daphnia and other aquatic invertebrates(Chronictoxicity)

LOEC - Daphnia magna (Water flea) - > 1 mg/l - 21 d(OECD Test Guideline 211)

12.2 Persistence and degradability

2-Propanol

Biodegradability

aerobic - Exposure time 5 dResult: 53 % - Readily biodegradable.(Directive 67/548/EEC, Annex V,

Theoretical oxygendemand 2,400 mg/gRemarks: (Lit.)

Ratio BOD/ThBOD 49 %Remarks: (IUCLID)

C.I. 74160

Biodegradability aerobic - Exposure time 28 d Result: 5 % - Not biodegradable(OECD Test Guideline 301C)

12.3 Bioaccumulative potential

2-Propanol

No bioaccumulation is to be expected (log Pow <= 4).

12.4 Mobility in soil

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No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) atlevels of 0.1% or higher.

12.6 Other adverse effects

No data available

Section 13 - Disposal Considerations

Waste disposal method: dispose according to local regulations. Precautions for abandonment: no special precautions.

Section 14 - Transport Information

14.1 UN number

ADR/RID: - IMDG: - IATA-DGR: -

14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA-DGR: Not dangerous goods

14.3 Transport hazard class(es)
ADR/RID: - IMDG: - IATA-DGR: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA-DGR: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA-DGR: no

14.6 Special precautions for user

Transport Attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don't use device and tools which can easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source.

Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road.

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According to the IMDG Code(inc Amdt 41-22) 2022 Edition, The sample is not regulated for transport of dangerous goods.

According to the Air transport ICAO-TI and IATA-DGR 65th, The sample is not regulated by IATA Dangerous Good Regulations 65th edition.

Section 15 - Regulatory Information

Regulatory Information:

The resin system components listed in the hazardous waste substances list of country(HW13)

- 《Dangerous Goods Regulation》
- 《Recommendations on the Transports of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》 (IMDG)(inc Amdt 41-22) 2022 Edition
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》(OSHA)
- 《Toxic Substances Control Act》(TSCA)
- 《Consumer Product Safety Act》(CPSA)
- 《Federal Environmental Pollution Control Act》(FEPCA)
- 《The Oil Pollution Act》(OPA)
- 《Superfund Amendments and Reauthorization Act Title III(302/311/312/313)》(SARA)
- 《Resource Conservation and Recovery Act》(RCRA)
- 《Safety Drinking Water Act》
- 《California Proposition 65》
- 《Code of Federal Regulations》(CFR)

In accordance with all Federal, State and Local laws.

National Hazardous Waste List

GHS -Globally harmonized system of classification and labeling of chemicals, third revised edition. Transport of dangerous goods, sixteenth revised edition

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures. The International Maritime Dangerous Goods (IMDG) Code(inc Amdt 41-22) 2022 Edition.

the Air transport ICAO-TI and IATA-DGR 65th

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Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon

condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

*****End of Test Report *****

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