

Part 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product name:	Silicone Primer TP15*
1.2	Company Details:	
	Manufacturer/Supplier:	Wynca Tinyo Silicone CO.,LTD
	Address:	No.36, Jingling Road, Qingyuan High-tech Zone, Qingyuan Guangdong China.
	Telephone Number:	(0763)3608666
	Fax:	(0763)3608669
	Website:	http://tinyo.wynca.com
1.3	Restrictions on use:	Restricted to be used in medical device products

Part 2 HAZARDS IDENTIFICATION

2.1	GHS Hazard Classification:	(67/548/EEC, 1999/45/EC)
	R10	Flammable liquid
	R65	Effects may be caused by ingestion
	R20/21/22	Inhalation, in contact with skin, and ingestion.
	R52/53	Has an effect on aquatic organisms and may have a harmful effect on the aquatic environment.
2.2	Signal Word:	Danger
2.3	Hazard Statement:	
	H226	Flammable liquid and vapor
	H302	Ingestion can cause vomiting, diarrhea, etc. Shock may occur in severe cases.
	H304	A large amount of inhalation has obvious symptoms of respiratory irritation.
	H312	Irritation by skin contact.
	H332	Obvious irritation by inhalation.
	H412	Have an impact on aquatic life and may cause harmful effects on the aquatic environment.
2.4	Precautionary Statements:	
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.

2.5	Response:	Under normal operating condition, a single exposure does not cause harmful effects.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
	P331	Vomiting must not be induced.
2.6	Storage:	
	P403+P235	Store in a well-ventilated place. Keep it cool.

Part 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Main Ingredients: Silicon dioxide		
	Ingredients	Content (w/w, %)	CAS No.
	Synthetic Resin	5%-10%	9003-01-4
	Siloxanes and silicones, di methyl, vinyl group terminated	5%-10%	68083-19-2
	Ethyl acetate	35%-50%	141-78-6
	Isopropanol	35%-50%	67-63-0
3.2	Dangerous components:		
	Ingredients	Hazard statement	
	Synthetic resin	Non-toxic and harmless	
	Siloxanes and silicones, di methyl, vinyl group terminated	Non-toxic and harmless	
	Ethyl acetate	Low toxicity	
	Isopropanol	Low toxicity	

Part 4 FIRST AID MEASURES

4.1	FIRST AID:	
	Inhalation:	Inhaled in large quantities, move to fresh air and get medical advice.
	Skin contact:	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Contact physician if irritation continues.
	Eye contact:	If in eyes, hold eyes open, flood with water, remove contact lenses if have and see a doctor if irritation continues.

	Ingestion:	Keep the respiratory tract unimpeded, call a physician or poison control center immediately.
4.2	General recommendations:	If you need to see a doctor, you need to show this safety technical manual to the doctor.
4.3	Special tips for doctors:	Symptomatic treatment, if you want further information, please contact Wynca Tinyo Silicone Co., Ltd

Part 5 FIREFIGHTING MEASURES

5.1	Suitable extinguishing media	Solvent resistant foam, carbon dioxide and dry powder extinguishers
5.2	Unsuitable extinguishing media	Liquid dangerous chemicals are not suitable for spraying with clean water.
5.3	Specific hazards arising from the chemical	Flammable, volatile when the solvent is open. In case of open fire or high temperature, it can cause combustion, and even cause explosion. When the solvent collides violently during transportation, it may cause static electricity or solvent leakage.
5.4	Extinguishing method	(liquid hazardous chemicals) when the substance is burning, the fire extinguisher must wear self-contained air breathing apparatus, and then use the above fire extinguisher to spray continuously until the fire is extinguished. Sand can also be used for burial.
5.5	Extinguishing precautions	(liquid hazardous chemicals) when the fire-fighting personnel see the color of the fire or hear the sound ringing during the fire fighting, evacuate the personnel immediately to evacuate from the site.
5.6	Special protective equipment and precautions for firefighters	According to the local emergency plan, decide whether to evacuate or isolate the area. Water cooling affected by fire It's a noisy container. Self contained breathing apparatus and protective clothing should be worn when putting out fires involving chemicals.

Part 6 ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions:	Use personal protective equipment; ensure good ventilation; eliminate all sources of fire; evacuate personnel to a safe area; beware of accumulated steam reaching explosive concentration; steam can accumulate in low-lying areas.
6.2	Environmental precautions:	Do not allow runoff to sewer. To prevent further leakage and spillage while ensuring safety; If product contamination causes pollution to rivers, lakes or sewers, it is necessary to inform relevant functional departments in time.
6.3	Methods for containment and cleaning up:	Follow all personal protective equipment recommendations listed in this material safety data sheet. Collect and place in containers for recycling or disposal. Relevant laws and regulations may apply to the leakage and

		release of this article, as well as the materials and articles used to clean up the leakage. You need to determine the appropriate laws and regulations.
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Part 7 HANDLING AND STORAGE

7.1	Precautions for handling:	Avoid inhaling steam/dust; Avoid contact with skin and eyes.
7.2	Conditions for storage:	Smoking is strictly prohibited; containers are sealed and stored in dry and well ventilated places; unsealed containers must be carefully re sealed and kept upright to prevent leakage; obvious safety labels are pasted; electrical devices and working materials must comply with technical safety standards.
7.3	Precautions against fire and explosion	Do not spill on open fire or any other hot material; take anti-static measures (to prevent organic solvent from ignition); keep away from open fire, hot surface and fire source.

Part 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Personal protection equipment :	
	Respiratory protection:	To prevent inhalation of steam, please wear a breathing device with a certified filter.
	Hand protection:	Use PE/chemical-resistant, impervious gloves.
	Eye protection:	Wear appropriate safety goggles and eye wash bottle with purified water.
	Skin protection:	Wear protective clothing made of impermeable materials, and choose personal body protection devices according to the quantity and concentration of hazardous substances used in the workplace.
	Hygiene measures	Wash hands after handling. When using do not eat, drink or smoke.

Part 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance	Colorless to light yellow transparent liquid
9.2	Odour	Light ester aromas and mellow aromas
9.3	pH	Not determined.
9.4	volatility	volatile
9.5	Solubility in Water	Do not dissolve in water
9.6	Boiling Point	77°C (Isopropanol) ~ 82.5°C (Ethyl acetate)
9.7	Melting Point	- 88.5°C
9.8	Flash Point	Close the cup -4°C (Ethyl acetate)
9.9	Auto ignition Temperature	426°C (Ethyl acetate)

9.10	Explosive Properties	Explosive limit - lower: 2% Explosive limit - upper: 12%
9.11	Oxidizing Properties	No.
9.12	Vapor Pressure (27° C)	13.33kPa
9.13	Specific Gravity	0.79~0.82
9.14	Partition coefficient: octanol/water:	Not determined.
9.15	Vapour Density (air=1)	2.1 (Isopropanol) ~ 3.04 (Ethyl acetate)
9.16	Viscosity	7.5±1 S ((IWATA)NK-2 viscosity cup, 25°C)
Note: The above information is for reference only. If you need product information, please contact Wynca Tinyo Silicone CO.,LTD		

Part 10 STABILITY AND REACTIVITY

10.1	Stability:	Material is stable under normal conditions.
10.2	Possibility of hazardous reactions:	Hazardous polymerization does not occur.
10.3	Conditions to avoid:	Avoid heat, sparks, open flames, high temperature environment above 40°C and other ignition sources.
10.4	Incompatible materials:	Strong acid, strong base and strong oxidizing substance
10.5	Hazardous decomposition products:	Carbon dioxide, water, and trace amounts of carbon oxides that are not completely burned

Part 11 TOXICOLOGICAL INFORMATION

11.1	Acute toxicity:	No data available
11.2	Skin corrosion/irritation:	No data available
11.3	Eye damage/eye irritation:	No data available
11.4	Respiratory or skin sensitization :	No data available
11.5	Germ cell mutagenicity:	No data available
11.6	Carcinogenicity:	No data available
11.7	Genotoxicity:	No data available
11.8	Specific target organ toxicity:	No data available
11.9	Specific target organ toxicity:	No data available

11.10	Inhalation hazard:	No data available
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Part 12 ECOLOGICAL INFORMATION

12.1	Toxicity:	No data available
12.2	Persistence and degradability:	No data available
12.3	Bioaccumulative potential:	Harmful to aquatic life with long-term lasting effects
12.4	Mobility in soil :	No data available
12.5	Other ecological information:	It cannot be ruled out that non-professional operation and treatment will cause harm to the environment; it may cause long-term adverse effects on aquatic organisms in the water environment.

Part 13 DISPOSAL CONSIDERATIONS

13.1	Disposal product:	Waste must not be discharged into sewers; chemicals or used containers must not contaminate ponds, water sources or ditches, and should be handed over to a licensed waste disposal company for disposal.
13.2	Disposal packaging:	Refer to relevant national and local regulations before disposal.
13.3	Disposal caution:	Refer to relevant national and local regulations before disposal .

Part 14 TRANSPORT INFORMATION

14.1	transport by car:	ADR / RID:	
		classification:	3
		Packing category:	III
		UN number:	UN 1263
		Label:	3
		Product description :	coating
14.2	transport by sea:	IMDG:	
		classification:	3
		Packing category:	III
		UN number:	UN 1263
		Label:	3
		Product description:	coating

		EmS number:	F-E, S-E
		Marine pollutants:	with
14.3	transport by air:	IATA-DGR:	
		classification:	3
		Packing category:	III
		UN number:	UN 1263
		Label:	3
		Product description:	coating

Special precautions provided to users: must comply with product descriptions and other relevant information;
Transport of bulk goods in accordance with appendix ii to the marpol73/78 Convention and IBC-code : there is no plan to use bulk carrier to transport bulk cargo.

Part 15 REGULATORY INFORMATION

15.1	Relevant Regulations on Major Accidents	96/82/EC
15.2	Applicable regulations:	Regulations on the safe use of chemicals in the workplace (1996) No. 423 issued by the Ministry of labor; General rules for classification and hazard announcement of chemicals (GB 13690-2009); Packaging-Tactile warnings of danger-Requirements (ISO 11683-1997) .
15.3	State of international registration :	Register in the following directory or be consistent with it: EINECS: Europe TSCA:USA.

Part 16 OTHER INFORMATION

16.1	Other information:	The information in this document is based on the latest knowledge we have at the time of revision. They do not constitute a legal guarantee of the characteristics of the product.
		The provision of this document does not exempt buyer from his own responsibility to pay attention to and comply with existing laws and regulations relating to the product, in particular when the product continues to be resold or used in other jurisdictions, as well as in the protection of third party rights.
		If the described product is processed or mixed with other materials, the information in this document is no longer applicable to the new product, unless specifically specified.
		This information is not a product manual, but to provide a representative value concept.This information does not involve guarantees, confession or suggestion. Recommended industrial hygiene and safety procedures are

		basically applicable.Each user should read the advice on the intended use of this product and decide whether it is applicable.
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