

| Part 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION |                        |  |
|--|------------------------|--|
| 1.1  | Product name:          | Liquid Silicone Rubber TYL-6420  |
| 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:   | No   |

| Part 2 HAZARDS IDENTIFICATION |                                |  |
|-------------------------------|--------------------------------|--|
| 2.1                           | GHS hazard Classification:     | According to the globally harmonized system of classification and labeling of chemicals, none hazardous substances or mixtures |
| 2.2                           | GHS label elements:            | GHS label is not required  |
| 2.3                           | Physical and chemical hazards: | No data available  |
| 2.4                           | Health hazards:                | A single time exposure will not have a significant impact  |
| 2.5                           | Environmental hazards:         | Can not predict harmful effects on aquatic organisms   |

| Part 3 COMPOSITION/INFORMATION ON INGREDIENTS |   |               |            |   |               |            |
|---|---|---------------|------------|---|---------------|------------|
| 3.1   | Main Ingredients:   |               |            |   |               |            |
|   | A Component   |               |            | B Component   |               |            |
|   | Ingredients   | Content (w/w) | CAS No.    | Ingredients   | Content (w/w) | CAS No.    |
|   | Silicon dioxide   | 15%-35%       | 7631-86-9  | Silicon dioxide   | 15%-35%       | 7631-86-9  |
|   | Siloxanes and silicones, dimethyl, vinyl group terminated               | 60%-80%       | 68083-19-2 | Siloxanes and silicones, dimethyl, vinyl group terminated               | 60%-80%       | 68083-19-2 |
|   | Siloxanes and silicones, dimethyl, methyl vinyl, vinyl group-terminated | 0.5%-10%      | 68083-18-1 | Siloxanes and silicones, dimethyl, methyl vinyl, vinyl group-terminated | 0.5%-10%      | 68083-18-1 |
|   | --  | --            | --         | Polymethylhydrosiloxane   | 1%-10%        | 63148-57-2 |
| 3.2   | Hazardous Ingredients: No data available                                |               |            |   |               |            |

| <b>Part 4 FIRST AID MEASURES</b> |  |   |
|----------------------------------|--|---|
| <b>4.1</b>                       | <b>FIRST AID:</b>                      |   |
|                                  | <b>Inhalation:</b>                     | Quickly leave the site to a place with fresh air to keep the respiratory tract unobstructed. If you still feel unwell, please see a doctor. |
|                                  | <b>Skin contact:</b>                   | No first aid required   |
|                                  | <b>Eye contact:</b>                    | Rinse immediately with plenty of water. If you continue to feel tingling, please go to see a doctor.  |
|                                  | <b>Ingestion:</b>                      | Drink water with small amount by several times, do not induce vomiting. Go to see a doctor if not getting better.                           |
| <b>4.2</b>                       | <b>Advice for protecting rescuers:</b> | No data available   |
| <b>4.3</b>                       | <b>Special tips for doctors:</b>       | No data available   |

| <b>Part 5 FIREFIGHTING MEASURES</b> |                                 |  |
|-------------------------------------|---------------------------------|--|
| <b>5.1</b>                          | <b>Extinguishing media:</b>     | Use water mist, dry powder, foam, sand or carbon dioxide to extinguish fire.   |
| <b>5.2</b>                          | <b>Special hazards :</b>        | Exposure to burning ash may be hazardous to health   |
| <b>5.3</b>                          | <b>Firefighting procedures:</b> | Decide whether to evacuate or isolate the area according to the local emergency plan. Cool those containers affected by fire with water. When putting out fires involving chemicals, wear self-contained breathing apparatus, face mask and full body protective clothing. |

| <b>Part 6 ACCIDENTAL RELEASE MEASURES</b> |   |   |
|---|---|---|
| <b>6.1</b>                                | <b>Personal precautions:</b>  | Protect the accident area, wear personal protective equipment and keep unprotected personnel away. If the material is leaked, please mark "pay attention to slip", and do not walk on the spilled material.   |
| <b>6.2</b>                                | <b>Environmental precautions:</b>   | Avoid materials entering surface water, drains or sewers and external soil. Where there is no danger of leakage, intercept contaminated water / fire fighting water. Discharge in containers marked with instructions. If the product leaks into surface water, sewer or soil, please notify the functional department.   |
| <b>6.3</b>                                | <b>Storage and removal methods of leaked chemicals and disposal materials used:</b> | To avoid binding, spread the surface with sand or bleached soil and collect the surface mechanically. Clean or wipe the spilled material and place it in a suitable chemical waste container. Use detergent / soap or other degradable cleaners to remove the mucus layer attached to the wall. Sand or other granular inert materials are used to improve the anti-sliding resistance. |

**Part 7 OPERATION AND STORAGE**

|     |  |  |
|-----|--|--|
| 7.1 | <b>Precautions for operation:</b>      | Suitable for adequate ventilation and exhaust equipment. Do not take it orally. Implement good industrial hygiene measures. Please wash the hand after operation, especially before eating or smoking. |
| 7.2 | <b>Conditions for storage:</b>         | Store in a cool and well ventilated special warehouse away from kindling, heat source, strong acid, strong alkali and oxidizing materials.   |
| 7.3 | <b>Unsuitable packaging materials:</b> | Not determined   |

### Part 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

|     |  |  |
|-----|--|--|
| 8.1 | <b>Occupational exposure limits :</b>  | Not determined   |
| 8.2 | <b>Biological limits:</b>              | Not determined   |
| 8.3 | <b>Engineering controls:</b>           | Use ventilation and exhaust equipment, eye-washer.                               |
| 8.4 | <b>Personal protection equipment :</b> |  |
|     | <b>Respiratory protection:</b>         | Personal breathing masks are generally not required                              |
|     | <b>Hand protection:</b>                | No special protection is required.   |
|     | <b>Eye protection:</b>                 | Protective glasses are recommended   |
|     | <b>Skin protection:</b>                | No special protection is required. Wash thoroughly before eating and after work. |

### Part 9 PHYSICAL AND CHEMICAL PROPERTIES

|      |   |  |
|------|---|--|
| 9.1  | <b>Appearance and properties:</b>             | Colorless transparent paste / Light blue transparent paste OR Black/Grey/Yellow/Red/Blue/Purple/Orange paste |
| 9.2  | <b>Density (water = 1):</b>                   | 1.00-1.30  |
| 9.3  | <b>Melting point:</b>                         | Not determined   |
| 9.4  | <b>Boiling point:</b>                         | Not applicable   |
| 9.5  | <b>Flash point:</b>                           | Not applicable   |
| 9.6  | <b>Upper /lower explosion limit :</b>         | Not applicable   |
| 9.7  | <b>Saturated vapor pressure (20°C) :</b>      | Not applicable   |
| 9.8  | <b>pH Value:</b>                              | Not applicable   |
| 9.9  | <b>Relative Vapor Density:</b>                | No data available  |
| 9.10 | <b>Octanol / water partition coefficient:</b> | No data available  |
| 9.11 | <b>Auto-ignition temperature :</b>            | No data available  |

|   |                                   |                   |
|---|-----------------------------------|-------------------|
| 9.12  | <b>Decomposition temperature:</b> | No data available |
| 9.13  | <b>Inflammability:</b>            | Not applicable    |
| 9.14  | <b>Viscosity (mPa.s) :</b>        | Not applicable    |
| 9.15  | <b>Solubility:</b>                | Not applicable    |
| 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 | <b>Stability:</b>                          | Stable under normal conditions.  |
| 10.2 | <b>Possibility of hazardous reactions:</b> | If stored and operated properly, no dangerous reaction was found.                                |
| 10.3 | <b>Conditions to avoid:</b>                | Not determined   |
| 10.4 | <b>Incompatible materials:</b>             | Strong oxidant   |
| 10.5 | <b>Hazardous decomposition products:</b>   | Carbon dioxide, trace amounts of incomplete combustion carbides, silicon dioxide, metallic oxide |

### Part 11 TOXICOLOGICAL INFORMATION

|       |   |                   |
|-------|---|-------------------|
| 11.1  | <b>Acute toxicity:</b>  | No data available |
| 11.2  | <b>Skin corrosion/irritation:</b>                                   | No data available |
| 11.3  | <b>Eye irritation or corrosion:</b>                                 | No data available |
| 11.4  | <b>Respiratory or skin allergy:</b>                                 | No data available |
| 11.5  | <b>Germ cell mutagenicity:</b>                                      | No data available |
| 11.6  | <b>Carcinogenicity:</b>   | No data available |
| 11.7  | <b>Reproductive toxicity:</b>                                       | No data available |
| 11.8  | <b>Specific target organ systemic toxicity (Disposable contact)</b> | No data available |
| 11.9  | <b>Specific target organ systemic toxicity (Repeated contact)</b>   | No data available |
| 11.10 | <b>Inhalation hazard:</b>   | No data available |

### Part 12 ECOLOGICAL INFORMATION

|      |                                       |   |
|------|---------------------------------------|---|
| 12.1 | <b>Toxicity:</b>                      | On the premise of considering the physical and chemical properties, the evaluation is based on the ecotoxicological test of similar products: for this product, there will be no classification related impact on aquatic organisms. As far as we know, it will not have a negative effect on sewage treatment equipment. |
| 12.2 | <b>Persistence and degradability:</b> | Silicone content: cannot be biodegradable, separated by sedimentation.  |
| 12.3 | <b>Potential bioaccumulation:</b>     | Polymer component: No harmful effect occurs.  |
| 12.4 | <b>Mobility in soil :</b>             | Silicone content: Insoluble in water.   |

### Part 13 DISPOSAL CONSIDERATIONS

|      |                                |  |
|------|--------------------------------|--|
| 13.1 | <b>Disposal chemicals::</b>    | Recycle as much as possible. If it cannot be recycled, refer to relevant national and local regulations before disposal. |
| 13.2 | <b>Contaminated packaging:</b> | Refer to relevant national and local regulations before disposal.  |
| 13.3 | <b>Disposal caution:</b>       | Refer to relevant national and local regulations before disposal .   |

### Part 14 TRANSPORT INFORMATION

|      |  |   |
|------|--|---|
| 14.1 | <b>UN Dangerous Goods Code (UN) :</b>  | Not applicable  |
| 14.2 | <b>UN Transport Name :</b>             | Not applicable  |
| 14.3 | <b>UN hazard Classification:</b>       | Not applicable  |
| 14.4 | <b>Marine pollutants (yes/no):</b>     | NO  |
| 14.5 | <b>Precautions for transportation:</b> | Mixed loading and transportation with peroxide are strictly prohibited. It shall be protected from rain during transportation. During stopover, it shall be away from kindling, heat source and high temperature area. Transport vehicles shall be equipped with corresponding varieties and quantities of fire-fighting equipment and leakage emergency treatment equipment. |

### Part 15 REGULATORY INFORMATION

|      |  |  |
|------|--|--|
| 15.1 | <b>Applicable regulations:</b>                       | GB/T 16483 <i>Safety data sheet for chemical products-Content and order of sections</i><br>GB/T 17519 <i>Guidance on the compilation of safety data sheet for chemical products</i><br>GB 12268 <i>List of dangerous goods</i><br>GB 15258 <i>General rules for preparation of precautionary label for chemicals</i> |
| 15.2 | <b>Details of international registration status:</b> |  |

|  |                |   |
|--|----------------|---|
|  | <b>IECSC:</b>  | All components are listed or exempted.  |
|  | <b>AICS:</b>   | All components are listed or exempted.  |
|  | <b>DSL:</b>    | Unlimited.  |
|  | <b>PICCS:</b>  | All components are listed or exempted.  |
|  | <b>TSCA:</b>   | All chemical components in this article are listed in the TSCA chemical substances catalogue or exempted from the TSCA chemical substances catalogue. |
|  | <b>ENCS:</b>   | All components are listed or exempted.  |
|  | <b>EINECS:</b> | All components are listed or exempted.  |
|  | <b>KECI:</b>   | All components are listed or exempted.  |

**Part 16 OTHER INFORMATION**

|             |                           |   |
|-------------|---------------------------|---|
| <b>16.1</b> | <b>Other information:</b> | 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 the buyer of the product from his responsibility to pay attention to and comply with the existing laws and regulations related to the product, especially when he continues to resell the product or use the mixture or products produced by it in other jurisdictions, as well as on the protection of the rights and interests of third parties. |
|             |                           | 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.  |
|             |                           | When repacking the product, it is the buyer's responsibility to attach the necessary safety-related information.  |
|             |                           | This information is not a product manual, but to provide a representative concept. This information does not involve warranty, confession or implication. The recommended industrial hygiene and safety handling procedures are basically applicable. Before use, each user should read the suggestions on the intended use of the product and decide whether it is applicable.                   |