MATERIAL SAFETY DATA SHEET（MSDS）

1、 Product Name & Manufacturer

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Description: B11 2K White Tinter
Features: PU acrylic polyurethane topcoat
Hazardous classification: Hazardous substances, flammable substances
Application: Auto refinish
Manufacturer： Guangzhou Rapicoat Refinish Technology Co., Ltd.
Office Address： Room 1907, Building #5, No. 2, Kexing Road，Baiyun District, Guangzhou, China Telephone： (020)36298250
Fax： (020)36298250
Emergency Call：
Shanghai Chemical Accident Emergency Advisory Service Telephone：021-62533429
Shanghai Chemical Safety Supervision Telephone：021-62679090
National Chemical Accident Emergency Consultation Phone：0532-3889090
Rescue Website：www.chemaid.com
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2. Chemical Composition

Description	Another name	CAS no.:	Proportion (%)
Butyl acetate	-----	123-86-4	5～10
Xylene	-----	1330-20-7	5～10
Propylene glycol methyl ether acetate		108-65-6	8~12
Titanium dioxide	-----	13463-67-7	28~35
Acrylic resin polymer	-----	NA	40~50

3. Identification of Dangerous Goods

Urgent danger, harmful information: causing respiratory and non-pulmonary irritation
Effects on the eye: Causes inflammation
Effects on the skin: May be infected, may be absorbed by the skin
Effects when inhaled: Causes mild irritation
Effects of absorption: Causes vomiting and paralysis
Chronic symptoms: Causes blood/kidney disorders
(This information is made in accordance with Article 41 of the Industrial Safety and Health Law)）

4. Emergency Measures

Generally：
n any case, if you experience discomfort, seek medical advice.
Inhalation:
If you inadvertently inhale the product, move your person to fresh air and keep it warm and quiet.
If abnormal breathing stops,remove foreign objects from the mouth, perform first aid in artificial respiration, and call the doctor immediately.
Eye contact:
If the eye is inadvertently contacted with the product, immediately wash it with water for at least 10 minutes and seek medical advice.
Skin contact：
Replace the dyed clothing and wash the skin thoroughly with soap, water or a proper skin cleanser. Do not use solutions and thinners.
Ingestion:
If you accidentally swallow the object, you should call the doctor and keep the person quiet, so do not vomit.

5. Fire Treatment

Flash point: 23~24°C
Recommended use: powder fire extinguishers, carbon dioxide, water mist or regular foam.
Do not use: Do not use water.
Recommendation: Fire burning will produce harmful substances in black smoke (see point 10)
Explosions will mix to produce harmful substances to the breath, and a respiratory mask should be used. Cool the ignited container with water mist and cover it.

6. Disposal Methods when Leaking

Matters necessary to protect the human body: there should be no people in the lower part and downstream of the wind.
In addition to the relevant personnel, it is not allowed to enter the leak area and prepare fire-fighting equipment. Wear protection when working appliances, working from the upwind.
Things necessary to protect the environment: use a small amount of shavings, cloth, sand to absorb and recycle into empty containers.
Cut off the pollution path to soil and water when the amount is large, use shavings, sand, etc. are absorbed, recycled into empty containers, and assisted by fire protection and environmental protection departments.
Purification and removal methods: Add a surfactant or coagulant to the leak when it leaks into the water. When it exceeds 10 PPM, the amount of water spilled is equivalent to the amount of leakage.10 times more activated carbon. Completely recycled and disposed of by appropriate processing facilities.

7. Operation and Storage

Operation:
Prolonged contact with the skin can cause significant injury, and staff handling the product should be subject to special medical supervision.
Prevent dust from entering and stay away from inflammable and explosive areas.
Protect electrical equipment and light sources to the correct standards to prevent dust from entering, away from sparks and flammable resources.
Keep the container sealed away from heat, sparks and flames to prevent dust from entering.
No smoking or drinking is allowed in the storage area and the use area.
The same type of product must be stored in the same container at all times.
Maintaining a clean environment and properly handling the residue can reduce the likelihood of fire.

Storage:
The container has a label description. Store in a well ventilated and dry environment, away from high temperature and flammable, explosive areas,

The storage area is non-smoking and prevents entry by unrelated personnel.
Remove the product correctly to avoid spillage.

8. Exposure Controls and Personnel Protection

Explosion-proof devices should be used for electrical equipment and mechanical equipment on site. Ventilation or ventilation devices should be used.
Explosion-proof devices should be used for the devices.
Personnel protection:
Respiratory protective equipment and equipment to control exposure to hazardous materials should be available.
Respiratory protection:
Operation personnel and other personnel within the scope of operation should also wear a breathing mask.
Hand protection:
Appropriate skin parts such as hands should be worn with appropriate gloves.
Eye protection:
Wear a dust eye shield to prevent entry into the eyes.
Skin protection:
Use cotton that is not flammable, does not cause skin allergies, protects the exposed skin, and protects the neck and wrist from contact with powder.

9. Physical and Chemical Properties:

Appearance:	White Liquid	Oxidizing properties:	No data
Taste:	Aromatic smell	Steam pressure	No data
PH :	6-7	Specific gravity:	1.3KG/L
Solubility:	No data	Partition coefficient:	No data
Boiling point:	No data	Steam density:	No data
Melting point:	No data	Viscosity:	90-110KU
Detonating:	No data	Molecular weight:	No data

10. Stability and Reactivity

Stable at normal temperature and pressure
Conditions and substances to avoid:
Avoid overheating and prevent water pollution, oxidant, acid, alkali, basic metal hydroxide, acid acid, nitrate

11. Toxic

Acute: mild toxicity
Acute respiratory toxicity: irritation and coughing
Subacute toxicity: no data available
Chronic: Chronic respiratory disease, deterioration of lung status
Variant effects: no data
Impact on the next generation: no data
Carcinogenicity: no data
Other special matters: no data

12. Ecological Environment Pollution

This product does not have this information.

13. Residue Disposal

To comply with local regulations, proper sewage treatment or elimination at high temperatures
It is not allowed to be disposed of in drains and waterways, and the disposal of residues, including empty containers, should be handled in strict accordance with environmental protection regulations.
(This description includes the content of use, please refer to the relevant environmental management detailed rules for the processing method)

14. Transportation

Transportation must be in accordance with the fire protection law, transportation standards
Transport must be kept sealed and safely erected.
Ensure that transport personnel have experience dealing with accidental spills.
Transport at room temperature.

15. Supplement

This safety and health data is not measured by the user himself, but by the Health and Safety Statutory Center.
Use this product is proper methods of operation are provided by hazardous substance control and health regulations.

16. Others

Dangerous code number: 32646
Harmful substances generated during decomposition: harmful carbides are produced after pyrolysis
Harmful substances are produced during the reaction: There is no harmful comprehensive reaction at room temperature.