

Silicone Paint Base No.2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Silicone Paint Base No.2
Chemical Name:
Supplier: Jacobson Chemicals Ltd
 Unit 4
 Newman Lane Industrial Estate
 Alton
 Hants
 GU34 2QR
Telephone: 01420 86934
Fax: 01420 549574
E-mail: sales@jacobsonchemicals.co.uk

2. COMPOSITION

Substance: N/a
Substance Name: N/a
EC Index No: N/a
CAS Number: N/a
EEC Number: N/a

<u>Constituents</u>	<u>CAS No.</u>	<u>Approx Wgt %</u>	<u>Haz Symt</u>	<u>Risk</u>
Toluene	108-88-3	30-60	F, XN	R11-20, S16-25,29,33
Methyltriacetoxysilane	4253-34-3	1-5	C	R14-34, S7/9-21-26-36/37/39

Exposure limits in various countries have to be taken into account.

3. HAZARD IDENTIFICATION

The most important hazards are:

Inhalation: Excessive inhalation causes headache, dizziness, nausea and incoordination. Causes irritation of the mouth, nose and throat. Harmful if inhaled. May cause allergic respiratory reaction. May reduce the blood's ability to transport oxygen (methemoglobinemia)
Skin Contact: May cause an allergic skin reaction. May be absorbed thru the skin and contribute to the symptoms listed under ingestion.
Eye Contact: Causes severe eye irritation. Causes redness and tearing. Causes blurred vision.
Ingestion: Aspiration can be a hazard if this material is swallowed. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.
Subchronic (target organ) effects: Dermatitis, Respiratory ailments, central nervous system damage, blood disorders, possible effect on spleen.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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4. FIRST AID MEASURES

Immediate medical attention:	Yes
Professional assistance from physician required?	Yes
Inhalation:	If inhaled, removed to fresh air, if not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact:	In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention.
Eye Contact:	In case of contact, or suspected contact immediately flush with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion:	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, dry chemical, foam, water mist.
Special firefighting procedures:	Cool exposed containers with water spray after extinguishing fire. Positive pressure, self-contained breathing apparatus. Containers can build up pressure if exposed to heat (fire). Wear full protective clothing. This product or a component thereof can flow along surfaces to reach a distant ignition source and flash back.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear proper protective equipment as specified in the protection equipment section.
Methods of Cleaning:	Wipe, scrape or soak up in an inert material and put into container for disposal. Remove sources of ignition. Warn other workers of spill. Increase area ventilation. Person not trained should evacuate area.

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7. HANDLING & STORAGE

Use ground strap.
 Keep containers closed when not in use to prevent contact with acidic, basic or oxidizing materials.
 Avoid breathing vapors, if exposed to high vapor concentration , leave area at once.
 Avoid contact with skin and eyes.
 Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.
 Uncured product contact irritates eyes.
 Uncured product contact my irritate skin.
 Store upright in a cool place below 30°C.

8. EXPOSURE CONTROLS

Take measures to prevent:	Use only in a well ventilated area, mechanical ventilation.
Exposure to control limits:	Exhaust ventilation, showers, eyewash stations.
Respiratory protection:	Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.
Hand Protection:	Wear rubber gloves
Eye Protection:	Wear safety glasses, monogoggles.
Skin Protection:	Wear protective clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Acetic acid
Colour:	Clear
Boiling Point:	>110°C >230°F
Flash Point:	7.5°C 45.5°F
Melting Point:	<-30°C <-22°F
Specific Gravity (water=1):	1.04 gcm ⁻³
Density (kg/m³):	1040
Vapour Density (air=1):	>1.0
Solubility in water (20°C):	Negotiable
Method	CC
Ignition Temp:	552°C 1025.6°F
Explosion limits in air - lower %	1.27
Explosion limits in air - upper %	7.0

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10. STABILITY & REACTIVITY

Conditions to avoid:	Keep away from any contact with water. Keep away from heat, sparks and flame. Avoid any source of ignition.
Materials to avoid:	Contact with oxidizing agents. Reacts with water.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide & silicone dioxide, acetic acid, formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute oral LD ₅₀ (mg/kg):	Unknown
Acute Dermal LD ₅₀ (mg/kg):	Unknown
Acute inhalation L ₅₀ (mg/l):	Unknown

12. ECOLOGICAL INFORMATION

Possible effects:	N/a
Behaviour:	N/a
Environmental fate:	N/a

13. DISPOSAL CONSIDERATIONS

Likely residues / waste products:	
Safe handling of and residues/waste products:	Disposal of chemicals in accordance with local authority regulations.

14. TRANSPORT INFORMATION

Special carriage precautions in carriage:	
Classification data:	
UN Number:	1294
Proper Shipping Name:	Toluene Methyltriacetoxo Silane
IMO - Sea:	3.2
ICAO - Air:	
ADR - Road:	3.3b
RAR (IATA):	3.II
Transport Category:	
Limited Quantity Size:	
Additional Data:	

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15. REGULATORY INFORMATION

Supply label information:	Highly flammable, harmful
Hazard Symbol:	F, Xn
Risk Phrases:	R11 - Highly flammable R20 - Harmful by inhalation R40 - Possible risk of irreversible effects.
Safety Phrases:	S16 - Keep away from sources of ignition - No smoking. S25 - Avoid contact with eyes. S29 - Do not empty into drains. S33 - Take precautionary measures against static discharges.

16. OTHER INFORMATION

- a) **Training needs:** For further information contact our office.
- b) **Recommended uses and restrictions:**
- c) **Further references:**
- d) **Key data sources:**

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.