

Silicone Paint Base No.1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Silicone Paint Base No.1
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: No
Substance Name: Mixture
EC Index No:
CAS Number: 391-00-00-09
EEC Number:

<u>Constituents</u>	<u>Range</u>	<u>Haz Synt</u>	<u>Risk</u>
Di-T-Butoxydiacetoxysilane	1-3%		
Methyltriacetoxysilane	1-3%		

3. HAZARD IDENTIFICATION

The most important hazards are:

Inhalation: Causes moderate respiratory irritation in uncured state only.
Skin Contact: Causes irritation to mouth, lips and tongue etc.
 May cause irritation to hands, face etc.
Eye Contact: Uncured product will cause irritation.
Ingestion: Irritations of the mouth throat and stomach.

4. FIRST AID MEASURES

Immediate medical attention: No
Professional assistance from physician required? Yes
Inhalation: Treat symptomatically.
Skin Contact: Remove soiled clothing and excess with cloth or paper. Wash affected area with soap and water.
Eye Contact: In case of contact, immediately flush with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion: Do not induce vomiting. Wash out mouth thoroughly with water and seek medical attention.

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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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam dry powder or water spray.
Special protective equipment:	Suitable respiratory equipment.
Exposure Hazards:	Silicone dioxide is produced as well as the recognized oxidation products of carbon compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear gloves and goggles. Wash walking surfaces to avoid slipping hazard.
Methods of Cleaning:	Wipe or soak up in an inert material and dispose of according to local authority regulations.

7. HANDLING & STORAGE

Avoid contact with skin and eyes.
 (CAUTION) Combustible.
 Product releases acetic acid during application and curing.
 Use mechanical ventilation to stay below a TLV of 10ppm acetic acid.
 Uncured product on contact irritates eyes.
 Uncured product on contact irritates skin.

8. EXPOSURE CONTROLS

Take measures to prevent:	Ensure adequate ventilation when handling.
Exposure to control limits:	N/a
Respiratory protection:	Use exhaust ventilation or appropriate respiratory protection if ventilation is inadequate.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles.
Skin Protection:	Wear suitable clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Flowing liquid
Odour:	Acetic acid
Colour:	Translucent
Boiling Point:	-°C
Flash Point:	76°C
Specific Gravity:	1.05 gcm ⁻³
Viscosity:	2000 cps @ 25°C
Solubility in water:	Insoluble in water Soluble in organic solvents

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10. STABILITY & REACTIVITY

Conditions to avoid:	None known
Materials to avoid:	May react with strong oxidizing agents.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide & silicone dioxide.

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ (rat): >2000 mg/kg
 LD₅₀ Dermal (rabbit): >16000 mg/kg
 (Based on values reported in literature)

12. ECOLOGICAL INFORMATION

Possible effects:	Not classified as dangerous to environment.
Behaviour:	Volatile and readily degradable in the atmosphere. Due to low water solubility, <100ppb, standard OECD protocols not suitable for measurement.
Environmental fate:	Air: volatile compound. <30 day half-life. This is not a hydrocarbon.

13. DISPOSAL CONSIDERATIONS

Likely residues / waste products:	
Safe handling of and residues/waste products:	Disposal is normally achieved by burial or combustion on an approved site and according to local authority regulations.

14. TRANSPORT INFORMATION

Special carriage precautions in carriage:	None
Classification data:	None
UN Number:	None
Proper Shipping Name:	None
IMO - Sea:	None
ICAO - Air:	None
ADR - Road:	None
Transport Category:	None
Limited Quantity Size:	None
Additional Data:	Non hazardous for transport.

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15. REGULATORY INFORMATION

Supply label information:	None
Hazard Symbol:	None
Risk Phrases:	None
Safety Phrases:	S25: Avoid contact with eyes. S37/39: Wear suitable gloves and face/eye protection.

16. OTHER INFORMATION

a) Training needs:	For further information contact our office.
b) Recommended uses and restrictions:	For use in industrial applications only. Keep out of the reach of children.
c) Further references:	
d) Key data sources:	Manufacturer's data. i) HSE - EH40/98: Occupational exposure limits 1998. ii) Suppliers Health & Safety data sheet. iii) Croner's Hazard information & packaging.

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.