

**PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	SKPAC
<b>Product Name</b>	Sika Activator
<b>Product Description</b>	Solvent wipe adhesion promoter for use with Sikaflex Technique sealants/adhesives..
<b>Manufacturer/Supplier</b>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

**COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients ( Europe )

<b>Component</b>	<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
1) Isopropyl alcohol	50.00%-100.00%	F, Xi	R11, R36, R67
2) Titanate	2.50%-10.00%		R10, .., R22, .., R38, .., R41
3) N-(3-(Trimethoxysilyl)propyl) ethylenediamine	1.00%-2.50%	Xn	R10, .., R22, .., R41

**HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Highly flammable. Irritating to eyes.
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**FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention urgently.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.
<b>Ingestion</b>	Do not induce vomiting. Obtain medical attention.
<b>Inhalation</b>	Remove from exposure. Obtain medical attention.

**FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use foam, dry chemical or carbon dioxide.
<b>Special Hazards of Product</b>	May form explosive mixtures with air. Vapours can travel a considerable distance to a source of ignition and flashback. Combustion will produce smoke, carbon dioxide and carbon monoxide.
<b>Protective Equipment for Fire-Fighting</b>	Wear self contained breathing apparatus.

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing. Eliminate all sources of ignition.

**Environmental Precautions and  
Clean-up Methods  
Spillages**

Try to prevent the material from entering drains or water courses.

Contain and absorb using earth, sand or other inert material.  
Transfer into suitable containers for recovery or disposal.

**HANDLING AND STORAGE****Handling**

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Avoid inhaling vapour.

Avoid contact with eyes, skin and clothing.

Use in well ventilated area.

Keep container tightly closed when not in use.

**Storage**

Storage area should be: cool. dry. well ventilated. out of direct sunlight.

Store away from sources of heat or ignition.

Storage temperature should be controlled to between 5 and 25 °C.

**EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits - GB**

1) Isopropyl alcohol

UK EH40: OES 400ppm (980mg/m<sup>3</sup>) 8h TWA.

UK EH40: OES 500ppm (1225mg/m<sup>3</sup>) 15min STEL

**Engineering Control Measures**

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

**Respiratory Protection**

Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

Chemical goggles if there is a risk of splashing.

**PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid.

**Color**

Colourless.

**Odor**

Characteristic. Alcoholic.

**pH**

Not applicable.

**Boiling Point °C**

Boils above 60.

**Flash Point °C**

Approx. 14

**Solubility - Water**

Miscible.

**Vapor Pressure ( kPa )**

4.8 at 20 °C. (based on major component)

**Density (kg/m<sup>3</sup>)**

Approx. 0.80 at 20 °C.

**Autoignition Temperature °C**

Approx. 425

**Viscosity ( at 20°C )**

Approx. 2 at 20 °C. (measured as mPa.s)

**STABILITY AND REACTIVITY**

<i>Stability</i>	Stable under normal conditions. Contains volatile solvent.
<i>Conditions to avoid</i>	Sources of ignition. Exposure to direct sunlight. High temperatures.
<i>Materials to avoid</i>	Oxidising agents. Concentrated mineral acids. Alkalis. Halogens.
<i>Hazardous Decomposition Products</i>	Combustion will generate: oxides of carbon.

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Excessive exposure may produce anaesthetic or narcotic effects. Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent skin contact may cause irritation and defatting due to the solvent content.

**ECOLOGICAL INFORMATION**

<i>Mobility</i>	The product is volatile/gaseous and will partition to the air phase. The product will dissolve rapidly in water.
<i>Persistence/degradability</i>	The product is expected to be readily biodegradable.
<i>Ecotoxicity</i>	The product is expected to be non-hazardous to aquatic species.

**DISPOSAL**

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

**TRANSPORT INFORMATION**

<i>UN :</i>	<i>UN number</i>	1219
<i>UN :</i>	<i>Proper shipping name</i>	Isopropanol
<i>UN :</i>	<i>Class</i>	3.2
<i>UN :</i>	<i>Packing Group</i>	2
<i>ADR/RID :</i>	<i>Class</i>	3.2
<i>ADR/RID :</i>	<i>Item Number</i>	3b
<i>ADR/RID :</i>	<i>Hazard Identification Number</i>	33
<i>IMDG :</i>	<i>Proper shipping name</i>	Isopropanol
<i>IMDG :</i>	<i>Packing Group</i>	3.2
<i>IMDG :</i>	<i>Class</i>	3
<i>IMDG :</i>	<i>Ems Number</i>	3-06
<i>IMDG :</i>	<i>MFAG Number</i>	305
<i>IATA :</i>	<i>Packing Group</i>	2
<i>IATA :</i>	<i>Class</i>	3

**REGULATORY INFORMATION****Label Requirements**

Highly flammable, Irritant

**Risk Phrases**Highly flammable.  
Irritating to eyes.**Safety Phrases**

Keep away from sources of ignition - No Smoking.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Take precautionary measures against static discharges.  
Use only in well ventilated areas.  
If swallowed seek medical advice immediately and show this container or label.

**OTHER INFORMATION****First Issue Date**

13.11.1996

**Revisions Highlighted**

Composition/Information on the Components  
Main Hazards First Aid Measures  
Ecological Information  
Labelling Information  
R Phrases  
S Phrases

**Uses and Restrictions**

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

**UK Legislation**

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.  
SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.  
SI 1972/917: Highly Flammable Liquids & LPG Regs.  
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.  
SI No. 972/1996: The Special Waste Regulations 1996  
SI 1999/437: The Control of Substances Hazardous to Health Regulations

**UK Guidance Publications**

EH40, Occupational Exposure Limits, HSE. Revised Annually.  
General Approved Code of Practice to COSHH Regulations, HSE.  
Guide to Highly Flammable Liquids & LPG Regulations - H&SE.

**Footnote**

The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.