

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	THNK
Product Name	Thinner K
Product Description	General solvent cleaner for Sika resin based products.
Manufacturer/Supplier	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

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

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	25.00% - 50.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
Xylene	1330-20-7	10.00% - 25.00%	Xn	R10, R20/21, R38
1 methoxy-2-propanol	107-98-2	10.00% - 25.00%	-	R10
2-Methylpropan-1-ol	78-83-1	10.00% - 25.00%	Xi	R10, R37/38, R41, R67
Ethyl benzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Harmful by inhalation and in contact with skin. Irritating to respiratory system and skin. Risk of serious damage to eyes. Harmful : may cause lung damage if swallowed Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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4. FIRST AID MEASURES

Eye Contact	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
Skin Contact	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Extinguishing Media - Not suitable	Do not use water jet.
Special Hazards of Product	Combustion will produce smoke,carbon dioxide and carbon monoxide.
Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing. Eliminate all sources of ignition.

Environmental Precautions and Clean-up Methods

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

Spillages

Spillages will create a fire hazard.
Contain and absorb using earth, sand or other inert material.
Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE**Handling**

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.
Avoid contact with eyes, skin and clothing. Avoid inhaling vapour.
Use in well ventilated area.

Storage

Storage area should be: cool. dry. well ventilated. out of direct sunlight.
Store away from sources of heat or ignition.

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

1 methoxy-2-propanol

UK EH40: OES 100ppm (375mg/m³) 8h TWA.

Xylene

UK EH40: OES 150ppm (560mg/m³) 15min STEL

UK EH40: OES 50ppm (220mg/m³) 8h TWA.

2-Methylpropan-1-ol

UK EH40: OES 100ppm (441mg/m³) 15min STEL

UK EH40: OES 50ppm (154mg/m³) 8h TWA.

Ethyl benzene

UK EH40: OES 75ppm (231mg/m³) 15min STEL

UK EH40: OES 100ppm (441mg/m³) 8h TWA.

UK EH40: OES 125ppm (552mg/m³) 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. (butyl / nitrile)

Eye Protection

Chemical goggles if there is a risk of splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Colourless.

Odor

Solvent

Flash Point °C

23

Solubility - Water

Partially soluble.

Density (kg/m³)

870 at 20 °C.

Viscosity (at 20°C)

<1.0 (measured as mPa.s)

**10. STABILITY AND REACTIVITY**

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Sources of ignition. Exposure to direct sunlight. High temperatures.
<i>Hazardous Decomposition Products</i>	Combustion will generate: oxides of carbon.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is sparingly soluble in water.
<i>Persistence/degradability</i>	Expected to be biodegradable.
<i>Ecotoxicity</i>	This material is harmful to aquatic organisms.

13. 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.

14. TRANSPORT INFORMATION

<i>UN : UN number</i>	1263
<i>UN : Class</i>	3.3
<i>UN : Packing Group</i>	3
<i>ADR/RID : Number</i>	1263
<i>ADR/RID : Proper shipping name</i>	Paint Related Material
<i>ADR/RID : Class</i>	3
<i>ADR/RID : Item Number</i>	31(c) Class F1
<i>IMDG : Proper shipping name</i>	Paint related material.
<i>IMDG : Packing Group</i>	3
<i>IMDG : Class</i>	3
<i>IMDG : Marine Pollutant</i>	P
<i>IMDG : Ems Number</i>	F - E, S - E
<i>IATA : Packing Group</i>	3
<i>IATA : Class</i>	3

**15. REGULATORY INFORMATION****Label Requirements**

Harmful, Dangerous for the environment

**Risk Phrases**

Flammable.
Harmful by inhalation and in contact with skin.
Irritating to respiratory system and skin.
Risk of serious damage to eyes.
Harmful : may cause lung damage if swallowed
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing and gloves.
Wear eye/face protection.
Use only in well-ventilated areas.

Contains

Xylene
Solvent naphtha (petroleum), light arom

16. OTHER INFORMATION**First Issue Date**

02.08.1995

Revisions Highlighted

Main Hazards
Regulatory Information

Uses and Restrictions

Exposure controls/personal protection
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 2002/1689: Chemicals (Hazard Information and Packaging) Regulations
SI 1972/917: Highly Flammable Liquids & LPG Regs.
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
SI 2002/2677: The Control of Substances Hazardous to Health Regulations

UK Guidance Publications

SI No. 972/1996: The Special Waste Regulations 1996
EH40, Occupational Exposure Limits, HSE. Revised Annually.
HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.
Guide to Highly Flammable Liquids & LPG Regulations - H&SE.
Hydrocarbon Solvents - A Guide to Safe Handling (Solvent Industries Association).

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.