



**SAFETY DATA SHEET**  
**FK55 Thinners**

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**1. Identification of the Preparation and of The Company**

Product Name and/or Code: FK55  
Effective Date: Manufacturer: 15-May-18

Information Contact: DAS64 Design Ltd., Flake King, Lartington, Barnard Castle, Co. Durham, DL12 9DW, United Kingdom  
+44 (0) 1833 65 0353

Emergency Contact: Contact your local Poison Control Centre.  
Product Use: ART MATERIAL –Consumer Product.

**2. Hazards Identification**

**Emergency Overview**  
CAUTION! IRRITANT.

Classification of the Product:

**Label Elements**

Conforms to ASTM D-4236



Pictograms

GHS07

Signal Word

**CAUTION!**

Hazard Statement

MAY IRRITATE NOSE AND THROAT.

Precaution Statement

Use in a well ventilated area.

First Aid Statement

**First Aid:** If you experience difficulty in breathing, leave the area to obtain fresh air.

Children's Statement

**KEEP OUT OF THE REACH OF CHILDREN.**

NFPA

Health: 1  
Flammability: 0  
Reactivity : 0

HMIS

Health : 1  
Flammability: 0  
Physical Hazard: 0

Regulation (EC) No. 1272/2008

Studies have not been performed on this particular mixture. The information below is based on data in the individual ingredients.



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1-methoxy-2-Propanol (CAS 107-98-2) Flam Liq. 3; STOT SE 3;  
H226, H336

### 3. Composition/Information on Ingredients:

#### Substances:

Mixture of the following chemicals: 1-Methoxy-2-Propanol (CAS 107-98-2) <10%

\* The remainder of the formulation is composed of non-hazardous ingredients.

#### Risk and Safety Phrases:

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

### 4. First Aid Measures

Inhalation	If affected, remove to fresh air.
Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush with water for 15 minutes and get medical attention immediately.
Ingestion	Drink water or milk to dilute. Do not induce vomiting. Contact a physician.

### 5. Firefighting Measures

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	This product is not flammable.

### 6. Accidental Release Measures

Environmental Precautions	Avoid release to the environment. Studies have not been performed on this particular mixture.
Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.

### 7. Handling and Storage

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage.
Storage	Store between 50-100 deg. F., ideally 70 deg. F.



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**8. Exposure Controls/Personal Protection**

Personal Protective Equipment      Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.

Exposure Limits

**Ingredients with workplace control parameters**

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
1-methoxy-2-propanol	107-98-2	TWA	50 ppm	ACGIH
		STEL	100 ppm	ACGIH
		ST	150 ppm 540 mg/m <sup>3</sup>	NIOSH REL
		TWA	100 ppm 360 mg/m <sup>3</sup>	NIOSH REL
		TWA	100 ppm 360 mg/m <sup>3</sup>	OSHA P0
		STEL	150 ppm 540 mg/m <sup>3</sup>	OSHA P0

Respiratory and Ventilation      Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.

Skin Protection      Wear water resistant impervious gloves if handling bulk amounts.

Eye Protection      Wear goggles where spills or splashing may occur.

**9. Physical and Chemical Properties**

Appearance	Colourless liquid
Physical State	Liquid
VOC Content:	95.86 g/L Regulatory
Solids percentage:	17
Colour	Colourless
Odour	Slight smell
Boiling Point	Not determined. Freezing
Point	Not determined.
State (pH)	7.5 -8.5
Specific Gravity	Not determined. Viscosity
	Not determined.
Flashpoint	200° F
Vapour Pressure	Not applicable to this mixture.
Vapour Density	<1



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Solubility in Water

Miscible

**10. Stability and Reactivity**

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Elevated temperatures (>50°C) and freezing.
Incompatible Materials	None known.
Hazardous Decomposition Products	No dangerous decomposition products known. Decomposition products depend on conditions.

**11. Toxicological Information**

Health Effects:	Studies have not been performed on this particular mixture. The information below is based on data in the individual ingredients.
	<b>1-methoxy-2-propanol:</b>
	Acute oral toxicity : LD50 Oral (Rat): 6,040 mg/kg
	Acute inhalation toxicity : LC50 (Rat): 7000 ppm Exposure time: 7 h
	Acute dermal toxicity : LD50 Dermal (Rat): 12,900 mg/kg
Eye Effects	Not likely to cause irritation.
Dermal Effects	Not likely to cause irritation.
Sensitisation Effects	Not likely to cause sensitisation.
Inhalation Effects	Causes nose and throat irritation. May cause drowsiness or dizziness.
Ingestion Effects	None known for the usual and ordinary uses of this product.
<u>Additional Toxicological Information:</u>	When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided by the manufacturer.

**12. Ecological Information**

Toxicity:	Not expected to be harmful to the environment. Studies have not been performed on this particular mixture.
Aquatic Toxicity	No specific information available.
Persistence and Degradability	No information available.
Bio Accumulative Potential	No information available.
Mobility in Soil	No information available.
Additional Ecological Information	No information available.



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**13. Disposal Considerations**

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer wastes.

**14. Transport Information**

**DOT** Not regulated for transport.  
**IMDG** Not regulated for transport.  
**ICAO/IATA** Not regulated for transport.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organisation to follow all applicable laws, regulations and rules relating to the transportation of the materials.

**15. Regulatory Information**

Safety, health and environmental regulations/legislation specific for the substance or mixture.

**SARA** Not applicable to this mixture.  
**Section 355 (Extremely hazardous substances)** Not applicable to this mixture.  
**Section 313 (Specific toxic chemical listing)** Not applicable to this mixture.  
**TSCA (Toxic Substance Control Act)** All ingredients are listed.  
**Proposition 65** As of May 15, 2018 this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**Carcinogenicity Categories:**

**EPA (Environmental Protection Agency)** Not applicable to this mixture.  
**TLV (Threshold Limit Value established by ACGIH)** Refer to section 8.  
**MAK (German Maximum Workplace Concentration)** Not applicable to this mixture.  
**NIOSH (National Institute for Occupational Safety & Health)** Not applicable to this mixture.  
**OSHA (Occupational Safety & Health Administration)** Not applicable to this mixture.



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**16. Other Information**

Reason for Issue: New Product  
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**Abbreviations and acronyms:**

**NFPA (SCALE 0-4) National Fire Protection Association (USA)**

Health: 1                                      **Caution:** May be irritating.  
Fire: 0                                         Not combustible.  
Reactivity: 0                                Not reactive when mixed with water.

**HMS (SCALE 0-4) Hazardous Materials Identification System (USA)**

Health: 1                                      Irritation or minor reversible injury possible.  
Fire: 0                                         Materials that will not burn.  
Reactivity: 0                                Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerise, decompose, condense, or self-react.  
Non-Explosives.

**H Statements**

H226 - Flammable liquid and vapour. (Flam Liquid 3)  
H336 - May cause drowsiness or dizziness. (STOT SE 3)

**Exposure Limits**

TWA - Time Weighted Average (8 hr.)  
STEL - Short Time Exposure Limit (15 min.)  
REL - Recommended Exposure Limit  
PEL - Permissible Exposure Limit  
IDLH - Immediately Dangerous to Life or Health