



MATERIAL SAFETY DATA SHEET

Product Name: **Beger Cool Flex**

Product Code: -

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Date of Issue: 27/06/2014

Version no.1

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name: **Beger Cool Flex**

Supplier: Beger Co., Ltd.

Address: 90, 92 Buntudthong Road, Thanon Petchaburi, Ratchathawi, Bangkok 10400 Thailand.

2. COMPOSITION / INFORMATION ON INGREDIENTS

No.	Description	CAS.No.	Weight (%)
1	Pure Acrylic Polymer	Not Hazardous	>40
2	Individual Residual Monomers	Not Required	<0.05
3	Ammonia	1336-21-6	Max.0.1
4	Water	7732-21-6	20
5	Propylene Glycol	57-55-6	3
6	Pigment and Extender	Not Hazardous	>35

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, IK=No classification required, E=Explosive, O=Oxidizing, F+=Extremely flammable, F=Very flammable, Fo=Flammable, N=Danger to the environment.

3. HAZARDS IDENTIFICATION

Primary Routes of Exposure

Inhalation: Non-irritant.

Skin Contact: Prolonged or repeated skin contact can cause slight skin irritation.

Eye Contact: Direct contact with material can cause slight irritation.

4. FIRST AID MEASURES

General Advice: Avoid contact with skin and eyes.

Inhalation: Wash subject to fresh air.

Skin Contact: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Eye Contact: Flush eyes with a large amount of water at least 15 minutes. Consult a physician if irritation persists.

Ingestion: If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

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**5. FIRE FIGHTING MEASURES**

Flash Point: Noncombustible.

Auto-ignition Temperature: Not Applicable.

Explosive Limit

Lower: Not Applicable.

Upper: Not Applicable.

Extinguishing Agents: Use extinguishing media appropriate for surrounding fire.

Extinguishing Media: Dry powder, foam, carbon dioxide.

Personal Protective Equipment: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

Personal Protective Measures: Avoid contacts with the skin and the eyes.

Environmental Precautions: Do not let product enter drains.

Procedures for Cleaning Up: Soak up immediately with inert absorbent material (e.g. sand, earth). Transfer liquids and solid material to separate suitable containers for recovery or disposal.

**7. HANDLING AND STORAGE**Handling: Use only in well-ventilated areas. Keep away from heat and source of ignition.  
General industrial hygiene practice.

Storage: Keep containers tightly closed in a cool, well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory Protection: No required.

Hand Protection: Rubber or plastic gloves.

Eye Protection: Chemical splash goggles, face shield.

Skin and Body Protection: Light weight protective clothing.

Hygiene Measures: Keep away from food, drink. General industrial hygiene practice.



HYGIENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices including, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially of contamination occurs.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Emulsion Liquid  
Colour: According to Colour Card  
Odour Characteristic: Pure Acrylic  
pH Value: 8.00 to 9.50  
Viscosity: 110±5 KU at 25°C  
Specific Gravity (Water=1): 1.10 to 1.20  
Boiling Point: 100°C  
Solubility in Water: Soluble in Water

## 10. STABILITY AND REACTIVITY

Stability: Stable.  
Conditional to Avoid: >50°C  
Incompatibility: There are no known materials.  
Hazardous Decomposition Products: Thermal.

## 11. TOXICOLOGICAL INFORMATION

Acute Data:  
Oral LD50: Rat: >5000 mg/kg.  
Dermal LD50: Rabbit: >5000 mg/kg.  
Skin LD50: Rabbit: Practically non-irritation.  
Eye Irritation: Rabbit: Inconsequential irritation.

## 12. ECOLOGICAL INFORMATION

No applicable data.

## 13. DISPOSAL CONSIDERATIONS

Waste form residues / unused products:

Solidify unexposed surplus and dispose of together with processed material as cured plastic waste – in accordance with local and national regulations.

Contaminated packing:

In accordance with local and national regulations.



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14. TRANSPORT INFORMATION

**US DAT Hazard Class:** No regulated.

15. REGULATORY INFORMATION

**Classification:** This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

16. OTHER INFORMATION

**Recommended Use:** For decorative paint.

**Recommended Restrictions:** Keep out of reach of children.

This information contain herein relates only to the specific material identified. The company believes than such information is accurate and reliable as of the date of this safety date sheet, but no representation, guaranty, expressed or implied, is made as to the accuracy, or completeness of the information.