

# MATERIAL SAFETY DATA SHEET

SUPPLIER: YKK (USA) Inc.  
ADDRESS: 3340 Chestney Road  
Macon, GA 31217-5502

MSDS NO. ZPCLFLUD

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Prepared By Steve Hetes

EMERGENCY NO.:

## SECTION I. MATERIAL IDENTIFICATION

CHEMICAL NAME AND SYNONYMS: TRADE NAME AND SYNONYMS: ZippyCool™ Fluid  
Zipper Cleaner/Lubricant/  
Protectant

CHEMICAL FAMILY

FORMULA

## SECTION II. INGREDIENTS AND HAZARDS

	%	CAS Registry No.	Hazards
The identity of the individual components of this mixture is proprietary information.			This product contains no hazardous components.
Material is not found on any list of known carcinogens such as NTP, IARC, or by OSHA, nor does it contain any carcinogens found on these lists.			

## SECTION III. PHYSICAL DATA

Physical State	Liquid	Specific gravity (H <sub>2</sub> O=1)	1.0
Vapor pressure at (mm Hg)	N/A	Evap. Rate (_____ =1)	
Vapor density (Air = 1)	<1	Volatiles, % by Volume	
Water Solubility	Soluble	Molecular Weight	
Color	Translucent		
Odor	Faint, sweet odor		

## SECTION IV. FIRE AND EXPLOSION DATA

		LOWER	UPPER
Flash Point and Method 365°F	Autoignition Temp. N/A	Flammability Limits In Air N/A	N/A

Extinguishing media: Foam, CO<sub>2</sub>, or Dry Chemical

Special fire fighting procedures: Firefighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool nearby exposed containers.

Unusual fire and explosion hazards: Treat as oil fire. Normally not an explosive hazard.

NFPA FLAMMABILITY CODE: 1

## SECTION V. REACTIVITY DATA

Stability: Presents no significant reactivity hazard, not pyrophoric & non-reactive with water.

Incompatibility (materials to avoid): Avoid Strong Oxidizers

Hazardous Decomposition Products: Burning may liberate CO, CO<sub>2</sub>, SO<sub>x</sub> and smoke. Does not form explosive mixtures with organic materials, does not undergo explosive decomposition, and is shock stable. It is not an oxygen donor.

Hazardous Polymerization: ( ) May Occur (X) Will not Occur.  
Will not undergo spontaneous exothermic polymerization.

NFPA Reactivity Code: 0

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## SECTION VI. HEALTH HAZARD DATA

### POTENTIAL HEALTH EFFECTS

**EYES:** Liquid and/or gel will irritate and may burn the eyes.

**SKIN:** No irritation is likely after brief contact but may be irritating after prolonged contact.

**INGESTION:** Swallowing large quantities may cause nausea and vomiting.

**INHALATION:** Inhalation risks for this product are considered to be minimal at normal room temperature.  
The vapor pressure of the mixture is not sufficiently high enough to be a significant route of exposure.

### FIRST AID MEASURES

**EYES:** Flush with large amounts of water for at least 15 minutes while holding eyelids open.  
Get medical attention.

**SKIN:** In case of skin contact, wash the area with plenty of soap and water for thorough cleaning and rinsing.  
Remove contaminated clothing and/or shoes. Launder contaminated clothing before re-use.

**INGESTION:** Product is non-toxic so in the event of accidental ingestion rinse the

OSHA PEL: Not determined

ACGIH TLV: Not determined

## SECTION VII. SPECIAL PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: If liquid material is spilled, soak up with suitable absorbent.

Waste Disposal Method: Dispose in accordance with federal, state, and local environmental regulations and consistent with good ecological practices.

Precautions to be taken in handling and storage: No special precautions.

## SECTION VIII. CONTROL MEASURES

### VENTILATION

General mechanical room ventilation should be adequate.

### RESPIRATORY PROTECTION

Use NIOSH/MSHA approved respirator if no room ventilation is provided.

### EYE PROTECTION

Splash proof goggles if handling methods warrant them.

### PROTECTIVE GLOVES

Avoid skin contact by wearing appropriate/ impervious protective gloves.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Aprons for spill protection.

### WORK/HYGIENIC PRACTICES

Wash hands before eating or using restrooms.

### WORK/HYGIENIC PRACTICES

Remove & wash contaminated clothing before re-use.

## SECTION IX. DISCLAIMER

### DISCLAIMER

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