

**Material Safety Data Sheet****BOND LIQUID, CLEARFIL SE BOND :1 of 2**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Standard must be consulted for specific requirement.

Identity(As Used on Label and list): BOND LIQUID , CLEARFIL SE BOND

**Section I**

<b>Manufacturer &amp; Distributor Name and Address:</b> MFG.: KURARAY CO., LTD. 1-12-39 UMEDA, KITA-KU, OSAKA 530-8611, JAPAN Dist: KURARAY AMERICA, INC., 200 PARK AVENUE, NEW YORK, NY 10166, USA	Emergency Telephone Number (212) 986-2230  Date Prepared March 15, 2000
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**Section II-Hazardous Ingredients/Identity Information**

Hazardous Components:	C.A.S.NO.	OSHA PEL	ACGIH TLV
SILANATED COLLOIDAL SILICA	N/E	N/E	N/E
BISPHENOL A DIGLYCIDYLMETHACRYLATE	30757-19-8	N/E	N/E
2-HYDROXYETHYL METHACRYLATE	868-77-9	N/E	N/E
HYDROPHOBIC ALIPHATIC DIMETHACRYLATE	N/E	N/E	N/E
10-METHACRYLOYLOXYDECYL DIHYDROGEN PHOSPHATE	N/E	N/E	N/E
N,N-DIETHANOL-p-TOLUIDINE	3077-12-1	N/E	N/E
d,l-CAMPHORQUINONE	10373-78-1	N/E	N/E

**Section III-Physical/Chemical Characteristics**

Boiling Point	: N/A	Specific Gravity	: 1.11
Vapor Pressure(mmHg)	: N/E	Melting Point	: N/A
Solubility in Water	: INSOLUBLE	Evaporation Rate	: N/E
Appearance and Color	: TRANSPARENT LIQUID, YELLOW		

**Section IV-Fire and Explosion Hazard Data**

Flash Point	: N/E	Flammable Limit	LEL: N/A	UEL: N/A
Extinguishing Media	: FORM, DRY CHEMICAL, CARBON DIOXIDE			
Special Fire Fighting Procedure	: DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO THERMAL DECOMPOSITION PRODUCTS MAY CAUSE HEALTH HAZARD.			
Unusual Fire and Explosion Hazards	: N/E			

**Section V-Reactivity Data**

Stability	Unstable		Stable	X	
Incompatibility(Materials to Avoid):	ZINC OXIDE EUGENOL				
Hazardous Decomposition or Byproducts:	N/E				
Hazardous Polymerization	May Occur		Will Not Occur	X	

Abbreviations: N/E - Not Established. N/A - Not Applicable

## Section VI-Health Hazard Data

Route(s) of Entry	Inhalation? : NO	Skin? : YES	Ingestion? : YES
Health Hazards (Acute and Chronic):			
Eye	: UNCURED LIQUID MAY CAUSE EYE IRRITATION.		
Skin	: UNCURED LIQUID MAY CAUSE SKIN IRRITATION. POSSIBLE ALLERGIC SKIN REACTIONS AMONG SOME INDIVIDUALS.		
Inhalation	: NO ADVERSE HEALTH EFFECTS EXPECTED.		
Ingestion	: NO ADVERSE HEALTH EFFECTS EXPECTED.		
Carcinogenicity	NTP? : NO	IARC Monograph? : NO	OSHA Regulated? : NO
Signs and Symptoms of Exposure :			
EYE CONTACT : IRRITATION			
Emergency and First Aid Procedure:			
Eye Contact	: FLUSH WITH WATER AND CONSULT A PHYSICIAN IMMEDIATELY IF UNCURED LIQUID COMES IN CONTACT WITH EYES.		
Skin Contact	: WASH WITH SOAP AND WATER IMMEDIATELY.		
Inhalation	: N/E		
Inhalation	: CONSIDERED AS PRACTICALLY NON-TOXIC ORALLY.		
Mucosal Contact	: WASH WITH WATER.		

## Section VII-Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:
WIPE UP WITH PAPER TOWELS AND DISPOSE IN A SUITABLE CONTAINER.
Waste Disposal Method:
DISCHARGE IN ACCORDANCE WITH APPLICABLE REGULATIONS.
Precautions to be taken in Handling and Storing:
STORE AT REFRIGERATED. STORE AWAY FROM REDUCING AGENT.
Other Precautions:
USE ACCORDING TO DIRECTIONS.
CONTACT WITH SKIN, SOFT TISSUE, EYE, AND CLOTHING SHOULD BE AVOIDED.

## Section VIII-Control Measures

Respiratory Protection (Specific Type):		
N/A		
Ventilation	Local Exhaust Mechanical	Special Other
N/A	N/A	N/A
Protective Gloves:		
WEAR IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT.		
Eye Protection:		
SAFETY GLASSES OR GOGGLES FOR EYE PROTECTION.		
Other Protective Clothing or Equipment:		
N/E		
Work/Hygienic Practices:		
USE GOOD PERSONAL HYGENE.		

Abbreviations: N/E - Not Established. N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.