

# Forrer Chemical

7221 West Parkland Court  
Milwaukee, Wisconsin 53223

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>FORRER CHEMICAL</b>		EMERGENCY TELEPHONE NO. <b>414-354-4400</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>7221 W. PARKLAND CT., MILWAUKEE, WISCONSIN 53223</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>H.S.-30 Floor Finish</b>
CHEMICAL FAMILY <b>Polymer Emulsion in Water</b>	FORMULA <b>Proprietary</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Non-hazardous as defined					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.041
VAPOR PRESSURE (mm Hg.)	17	PERCENT, VOLATILE BY VOLUME (%)	70
VAPOR DENSITY (AIR=1)	> 1	EVAPORATION RATE (water =1)	approx. 1
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR	Milky-white liquid, ammonia odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	Non-flammable			
SPECIAL FIRE FIGHTING PROCEDURES	N.A.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None. Emulsion will not burn. Dried Polymer films are capable of burning.			

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not established. Not regarded as hazardous.

EFFECTS OF OVEREXPOSURE

In areas of poor ventilation, prolonged exposure to vapors may irritate eyes, skin, mucous membranes, and respiratory tract, causing nausea and headaches.

EMERGENCY AND FIRST AID PROCEDURES

External - wash skin well with soap and water. Eyes - flush at least 15 minutes with water. Internal - if victim is conscious, induce vomiting immediately and call physician.

### SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

X

CONDITIONS TO AVOID

Keep from freezing. Avoid storage in high heat areas.

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may yield oxides of carbon and toxic monomer fumes.

HAZARDOUS POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up spillage with rags or other absorbent material. Flush area with large amounts of water.

WASTE DISPOSAL METHOD

Waste should be incinerated in approved equipment or landfill according to current local, state and federal regulations.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Wear NIOSH/MSHA approved respirator in areas of heavy vapor concentration.

VENTILATION

LOCAL EXHAUST

MECHANICAL (General)

SPECIAL

OTHER

PROTECTIVE GLOVES

Neoprene, if needed

EYE PROTECTION

Splash-proof safety goggles

OTHER PROTECTIVE EQUIPMENT

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep from freezing.

OTHER PRECAUTIONS