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: Flamort Chemical Company	EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and ZIP Code): 746 Natoma St. San Francisco, CA 94103	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS: Flamort T
CHEMICAL FAMILY: Water soluble bromine and nitrogen compounds	FORMULA

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST N/A			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)
N/A		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) 212F, 100C		SPECIFIC GRAVITY (H_2O=1)	
VAPOR PRESSURE (mm Hg.) Same as water		PERCENT, VOLATILE BY VOLUME (%) 85%(wt.)	
VAPOR DENSITY (AIR=1) N/A		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER Soluble in water			
APPEARANCE AND ODOR clear solution, sl ammonia odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA N/A			
SPECIAL FIRE FIGHTING PROCEDURES N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS N/A			

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not established

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash off in flowing water or shower

Eyes: Wash with water for at least 5 minutes

Ingestion: Induce vomiting if large amounts are ingested

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	x	N/A

INCOMPATABILITY *(Materials to avoid)*

Strong base, Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS

Liberates bromine or HBR or Cyanides and cyanates

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		under extreme high temp.
	WILL NOT OCCUR	x	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with large amounts of water, in accordance with local, State and Federal regulations.

WASTE DISPOSAL METHOD

Dissolve in water and flush with plenty of water if permitted by applicable disposal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*

If required, use an approved dust/mist respirator

VENTILATION		
	LOCAL EXHAUST: Good room ventilation	SPECIAL
	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES: Recommended

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Practice reasonable care and caution. Store in cool, dry area.

OTHER PRECAUTIONS

☆U.S. G.P.O. 1983-381-27172380