

# 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                                 |         | EMERGENCY TELEPHONE NO. |
| ADDRESS (Number, Street, City, State, and ZIP Code) |         |                         |
| CHEMICAL NAME AND SYNONYMS                          |         | TRADE NAME AND SYNONYMS |
| CHEMICAL FAMILY                                     | FORMULA |                         |

## SECTION II - HAZARDOUS INGREDIENTS

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

## SECTION III - PHYSICAL DATA

|                         |  |                                       |  |
|-------------------------|--|---------------------------------------|--|
| BOILING POINT (°F.)     |  | SPECIFIC GRAVITY (H <sub>2</sub> O=1) |  |
| VAPOR PRESSURE (mm Hg.) |  | PERCENT VOLATILE<br>BY VOLUME (%)     |  |
| VAPOR DENSITY (AIR=1)   |  | EVAPORATION RATE<br>(_____ =1)        |  |
| SOLUBILITY IN WATER     |  |                                       |  |
| APPEARANCE AND ODOR     |  |                                       |  |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                    |                  |     |     |
|------------------------------------|------------------|-----|-----|
| FLASH POINT (Method used)          | FLAMMABLE LIMITS | Let | Uet |
| EXTINGUISHING MEDIA                |                  |     |     |
| SPECIAL FIRE FIGHTING PROCEDURES   |                  |     |     |
|                                    |                  |     |     |
| UNUSUAL FIRE AND EXPLOSION HAZARDS |                  |     |     |
|                                    |                  |     |     |