

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                                 | Rogers Corporation  | EMERGENCY TELEPHONE NO. | 203-774-9605   |
| ADDRESS (Number, Street, City, State, and ZIP Code) | Rogers, Conn. 06263 |                         |                |
| CHEMICAL NAME AND SYNONYMS                          | N/A                 | TRADE NAME AND SYNONYMS | GP/Duroid 3220 |
| CHEMICAL FAMILY                                     | N/A                 | FORMULA                 | N/A            |

## 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) |
| Asbestos fiber (bound)                                |   |             |                                        | 64 | *           |
| *No ACGIH limit on bound asbestos                     |   |             |                                        |    |             |

## SECTION III - PHYSICAL DATA

|                         |            |                                       |      |
|-------------------------|------------|---------------------------------------|------|
| BOILING POINT (°F.)     | N/A        | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 1.55 |
| VAPOR PRESSURE (mm Hg.) | N/A        | PERCENT VOLATILE BY VOLUME (%)        | N/A  |
| VAPOR DENSITY (AIR=1)   | N/A        | EVAPORATION RATE (—=1)                | N/A  |
| SOLUBILITY IN WATER     | negligible |                                       |      |
| APPEARANCE AND ODOR     |            |                                       |      |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                    |                       |                  |     |     |     |
|------------------------------------|-----------------------|------------------|-----|-----|-----|
| FLASH POINT (Method used)          | N/A                   | FLAMMABLE LIMITS | N/A | Let | Uet |
| EXTINGUISHING MEDIA                | Water or Dry Chemical |                  |     |     |     |
| SPECIAL FIRE FIGHTING PROCEDURES   | none                  |                  |     |     |     |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | none                  |                  |     |     |     |

VPD-153-0001775