

11915

MSDS DATE: 9/19/88

MSDS NO.: 16-124E73-16  
REPLACES: 16-124E73-15

## MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 235B7821  
PRODUCT NAME: BAR RUST 235 OXIDE RED BASEMANUFACTURER: DEVOE COATINGS COMPANY  
4000 DUPONT CIRCLE, LOUISVILLE, KY 40207  
EMERGENCY TELEPHONE: 800-424-9300 (CHEMTREC)  
TELEPHONE: 502-897-9861

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCT. BY WT.	CAS NO.	ACGIH TLV (PPM)	OSHA PEL (PPM)	HAZARDOUS a b c	VAPOR (2) PRESSURE
HYDROCARBON RESIN	10	PROPRIETARY	NE	NA		NE
EPOXY FLEXIBILIZER	<5	NA	.005	.020		<.001
EPOXY RESIN	20	MIXTURE	NA	NA		NA
IRON OXIDE	5	1309-37-1	5 MG/M <sup>3</sup>	10 MG/M <sup>3</sup>		NA
SILICATE	25	14807-96-6	2 MG/M <sup>3</sup> (RESP.)	20 MPPCF		NA
INERT PIGMENT	10		3 MG/M <sup>3</sup>	20 MPPCF		NA
HIGH FLASH NAPHTHA	10	64742-95-6	NE	100		10
METHYL NORMAL AMYL KETONE	<5	110-43-0	50	100		4.0
N-BUTYL ALCOHOL	5	71-36-3	50 (C) SKIN	100	X X	5.9

NOTE: This product does not contain ingredients considered carcinogens or potential carcinogens by ACGIH, Federal OSHA, NTP, IARC, or CAL/OSHA.

ABBREVIATIONS: NE-NOT ESTABLISHED, NA-NOT APPLICABLE, C-CEILING LIMIT, D-NUISANCE PARTICLE TLV 10 MG/M<sup>3</sup> TOTAL DUST, [C]-CARCINOGEN, [PC]-POTENTIAL CARCINOGEN, DD-INERT OR NUISANCE DUST PEL 15 MG/M<sup>3</sup> TOTAL DUST, (1) NOT ESTABLISHED. USE STODDARD SOLVENT AS A GUIDE, (2) mm Hg. [X] - HAZARDOUS ACCORDING TO: a-SARA 302/304, b-SARA 313, c-CERCLA 103a

## SECTION III - PHYSICAL DATA

BOILING RANGE: 240 - 306 DEGREES F POUNDS PER GALLON: 11.87 VAPOR DENSITY: X HEAVIER  
PERCENT VOLATILE BY VOLUME: 34.09 VOC: 286.23 (GRAMS/LITER) EVAPORATION RATE: X FASTER X LIGHTER THAN AIR  
SLOWER THAN ETHER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION  
OSHA CLASSIFICATION 29 CFR 1910.106 (a) PARTS 18-19.  
COMBUSTIBLE LIQUID - CLASS IIFLASH POINT (Setaflash): 100F  
LEL: 1

## EXTINGUISHING MEDIA

In case of fire use CO2 Dry Chemical, Foam, or other National Fire Protections Association (NFPA) approved method for treating a Class B Fire.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and flame. Due to pressure build-up, closed containers exposed to extreme heat may explode. Never use a welding or cutting torch on or near container (even empty) as product or its residue may ignite. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

## SPECIAL FIRE FIGHTING PROCEDURES

Summon professional firefighters. Use full protective equipment including self contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles preferable. If exposed to fire or extreme heat, water should be used to cool closed containers and prevent pressure build up or possible auto-ignition.

## SECTION V - HEALTH HAZARD DATA

## EFFECTS OF OVEREXPOSURE

ACUTE BREATHING: Irritation of the respiratory tract; headache, nausea, dizziness, weakness and fatigue. Extreme exposure can result in unconsciousness and even respiratory arrest.

May cause allergic reaction. Overexposure may cause permanent lung damage.

SKIN OR EYE CONTACT: Causes eye and skin irritation. May be harmful if absorbed through the skin.

SWALLOWING: Can cause stomach and/or intestinal irritation, nausea, vomiting and diarrhea.

CHRONIC Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Prolonged or repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs.

## MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE

None, when used in accordance with safe handling and use information (See Section VIII).

PRIMARY ROUTE(S) OF ENTRY X SKIN X BREATHING X SWALLOWING

SECTION V Continued on Next Page

2057407919