

# Product Bulletin

## DEFENSE EF

### METAL PARTS PROTECTOR

#### FEATURES:

Prevents rust and corrosion  
Weldable – Paintable

Meets Mil Spec C-16173D, Grade 4 and C83933A  
Contains no chlorinated or fluorinated solvents

#### DESCRIPTION:

Prevents rust and corrosion

DEFENSE EF is a USDA authorized metal parts protector. It quickly coats metal parts, castings, cables, winches, pulleys, tools, dies, pipe threads, hoists, jigs and riggings. DEFENSE EF gives indefinite indoor protection and long-lasting outdoor protection. The transparent amber color is easily seen through while showing its application. It sets up to a hard yet flexible coating in 2 hours. To remove, use kerosene or mineral spirits. It is weldable and paintable and contains no chlorinated or fluorinated solvents.

Weldable

#### APPLICATIONS:

Paintable

Apply DEFENSE EF to machined parts, dies, pipe threads, casting, tools, jigs and stamped metal parts. It prevents corrosion due to salt spray on cables, hoists, pulleys, winches and riggings. DEFENSE EF is effective in protecting metal parts on boats, ships and dock equipment and excellent product for tools, pipe thread, metal parts, dies, castings, pulleys, hoists, cables, and riggings. Great for use by industrial plants, oil rigs, pipeyards, heavy equipment, construction vehicles, boats, ships, trucks and cars. There are hundreds of applications for this product.

Contains no chlorinated or fluorinated solvents

#### DIRECTIONS:

DEFENSE EF is most effective when parts are clean and free of rust, scale or dirt. However, it will afford adequate protection when applied over rust, scale and dirt, and will aid in removal later. Remove protective cap. Point opening in spray tip towards part to be coated. Holding can 8 to 10 inches from part, spray 2 or 3 mil coat with a slow sweeping motion. Completely wet surface. For extremely severe conditions, wait 5 minutes and apply another coat. It will completely set up in 2 hours. Once the film is hard, part can be handled. Dust and dirt can be wiped off without affecting film.

#### SPECIFICATIONS:

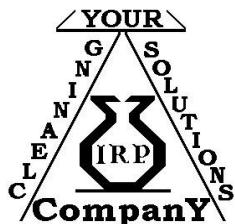
FORM:.....	Solvent Based Aerosol	FLASH POINT:.....	150°F TCC
ODOR:.....	Petroleum Solvent	FLAME EXTENSION:.....	15"
COLOR:.....	Amber	SOLUBILITY IN WATER:.....	0%
DETERGENCY: N/A		SPECIFIC GRAVITY:.....	0.76
TOXICITY:.....	500 ppm OSHA TLV	% VOLATILE BY VOLUME:.....	40%
WETTING ABILITY:.....	Good	PROPELLANT:.....	Hydrocarbon
STORAGE STABILITY:.....	1 Year +	EVAPORATION RATE:.....	Fast
COLD STABILITY:.....	0°F	BIODEGRADABILITY:.....	Yes

#### FOR FURTHER INFORMATION REFER TO THE MATERIAL SAFETY DATA SHEET

#### PACKAGING:

Available in 12 - 16 oz. cans per case.

PRODUCT CODE:..... **5540**



#### INDUSTRIAL RESEARCH PRODUCTS

2505 Frank Albert Road, Suite B 120  
Fife, Washington 98424

Toll Free 1-800-400-0681      Fax 253-926-1577

[www.IndustrialResearchProducts.com](http://www.IndustrialResearchProducts.com)