

# PRODUCT DATA SHEET

**MAGNAVIS**

## **7HF BLACK VISIBLE MAGNETIC PARTICLE WET METHOD PREPARED BATH**

### General Description:

7HF prepared bath is intended for spot inspection for difficult to process situations where bulk processing is impractical. 7HF is supplied in aerosol containers only.

### Composition:

**7HF** is composed of 7C Black MAGNAFLUX magnetic powder suspended in a low volatility mineral oil.

### Typical Properties (Not a Specification):

	7HF
Color	Black
Net Weight	300 grams
Settling Volume:	About 1.5 ml @ 60 Minutes
Temperature Limit	60° - 120° F

### Method of Application:

Aerosol spray is the only possible method of application. First, make sure that the inspected surfaces are clean and dry. For permanently magnetized parts, shake can until agitator rattles; cover surface with spray. When using the continuous magnetizing method, fix the part in the magnetizing unit, cover the surface quickly with 7HF Black spray, and immediately magnetize the part.

### Clean Up:

Demagnetize the part, and wipe clean with rags dampened with either water or solvent. Complete removal of 7HF magnetic particle materials will be impossible if the part is not demagnetized.

### Specification Compliance:

ASME B & PV Code, Sec. V; ASTM E 709; ASTM E 1444; AMS 3041; AMS 3043; Boeing PS.-21201; MIL-STD-2132.

### Packaging: Aerosol

Coverage: 1 aerosol can (16 ounce by volume) covers approximately 65 square feet.

---

**MAGNAFLUX**

A Division of Illinois Tool Works Inc.  
3624 WEST LAKE AVENUE ■ GLENVIEW, ILLINOIS 60026  
TEL 847.657.5300 ■ FAX 847.657.5388  
www.magnaflux.com