DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

COMPANY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

STREET \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CONTACT NAME/TITLE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PHONE (\_\_\_\_\_) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FAX (­­\_\_\_\_\_) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-MAIL \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**IMPORTANT**

**PLEASE SEND A ONE-PINT SAMPLE OF ACTUAL MATERIAL WITH MSDS SHEET IF APPLICABLE**

**MATERIAL CHARACTERISTICS**

**MATERIAL NAME**

 (Generic and manufacturer trade name or product number)

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PARTICLE SIZE**

(Mesh or actual dimensions in inches):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Similar to (comparable material):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**BULK DENSITY**

Packed (densified) \_\_\_\_\_\_\_\_\_\_\_ pounds/cubic foot

Loose (aerated) \_\_\_\_\_\_\_\_\_\_\_\_\_ pounds/cubic foot

**FLOWABILITY**

□ Very free-flowing (angle of repose 30 or less)

□ Free-flowing (angle of repose 30 to 45)

□ Semi free-flowing (angle of repose 45 to 60)

□ Non free-flowing (angle of repose 60 and above)

**TEMPERATURE**

□ Ambient □ Other (specify): \_\_\_\_\_\_\_\_\_\_F

**MOISTURE CONTENT** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_%

**FAT CONTENT** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_%

**OIL CONTENT** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_%

**ABRASIVENESS**

□ Extreme □ Mild □ Not abrasive

**CORROSIVENESS**

**□** Extreme □ Mild □ Not corrosive

****

**□ HYGROSCOPIC**

**HAZARDOUS**

□ Toxic □ Acidic □ Flammable

□ Explosive Dust □ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**OTHER CHARACTERISTICS**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**APPLICATION SPECIFICATIONS**

**CAPACITY**

POUNDS/HOUR MIN:\_\_\_\_\_ MAX:\_\_\_\_\_

CUBIC FEET/HOUR MIN:\_\_\_\_\_ MAX:\_\_\_\_\_

OTHER:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

□ CARBON STEEL:

 Primed and painted exterior only

□ STAINLESS STEEL – INDUSTRIAL FINISH:

 Type 304: all welds buffed

□ OTHER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**OPERATIONAL DUTY:**

 □ CONTINUOUS \_\_\_\_\_\_\_\_hours/day

 \_\_\_\_\_\_\_\_days/week

 □ INTERMITTENT (if known)

 Cycle time on: \_\_\_\_\_\_\_\_minutes

 Cycle time off: \_\_\_\_\_\_\_\_minutes

**ELECTICAL REQUIREMENTS**

 Volts:\_\_\_\_\_\_\_ 1 Phase:\_\_\_\_\_\_\_ Cycle:\_\_\_\_\_\_\_

 Volts:\_\_\_\_\_\_\_ 3 Phase:\_\_\_\_\_\_\_ Cycle:\_\_\_\_\_\_\_

**ATMOSPHERIC CLASSIFFICATION:**

□ Non explosion-proof (TEFC/NEMA 12)

 □ Wash down (NEMA 4)

 □ Explosion-proof

 Class: \_\_\_\_\_ Division: \_\_\_\_\_ Group: \_\_\_\_\_

**SYSTEM DESCRIPTION:**

 MATERIAL SOURCE:

 □ Bulk storage □ Bin □ Silo