



October 4, 2017

Mr. John E. Kieling
Chief, Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313

SUBJECT: Response to Notice of Violation, Sumco, EPA ID# NM0000562645

Dear Mr. Kieling;

As required by the letter dated August 29, 2017, SUMCO is providing to NMED a written description to the actions taken by the company to address the violation described below:

1. Failure to make hazardous waste determination for waste containers storing wipes within the fabrication labs. Facility personnel were unable to demonstrate or provide analytical data on the wipes which are used for cleaning wafers.

In response to the violation, SUMCO is managing the wipes as hazardous waste until such time that analytical analysis for flashpoint determination is conducted. Please see the attached knowledge of process.

If you have any questions, please feel free to contact me at 505-346-6388.

Respectfully,

A handwritten signature in black ink, appearing to read 'Don Baker'.

Don Baker
Manager, Environmental, Health and Safety
SUMCO Phoenix Corporation
9401 San Mateo Blvd NE
Albuquerque, NM 87113

HAZARDOUS WASTE DETERMINATION FORM

Summary Flowchart

(40 CFR 261.3 and 262.11)

Name of Waste: Solvent contaminated Wipes Date of Characterization: 9/15/2017
PH: Not Applicable FP: Pending Analytical TSDF ACT _____ Profile No. Pending
Stable/Unstable: Stable Proper Shipping Name: Environmentally Hazardous Substances, NOS, III, 9

Process Generating Waste:

Wipes are used during wipe down of surfaces, tools, and equipment. Solvents used to wipe down equipment consist of Isopropanol or 10% Isopropanol in water. Solvent is sprayed onto the wipe and the wipe is used until dry, and then disposed of in designated can. No listed solvents are used for wipe down.

IS IT A "SOLID WASTE"? (40 CFR 261.2)

NO → RCRA Title C does NOT apply, attach documentation (Check State rules).

YES → IS IT AN EXCLUDED WASTE? (40 CFR 261.4)

YES → Meet terms of the exclusion (check State rules)

NO → IS IT A LISTED WASTE? [40 CFR 261.30]

YES → Process Waste
F-Listed (Waste is described)
K-Listed (Process is described)
(40 CFR 261.31 & 261.32)
LISTED CODE(S): _____

A Product, Then a Waste
P-Listed (Acutely Hazardous)
U-Listed (Toxic, Other)
[40 CFR 261.33 (e) & (f)]
LISTED CODE(S): _____

If not listed or for LDRs, does it exhibit hazardous waste characteristics? [40 CFR 262.11(c)]

Ignitable (D001): <24% by volume alcohol; FP <140F
Corrosive (D002): aqueous pH ≤ 2 or ≥ 12.5
Reactive (D003): readily unstable; reacts with H₂O
Toxicity (D004 +): TCLP is \geq concentration in Table 1

YES X NO _____

DETERMINE CHARACTERISTIC WASTE CODE(S): D001

UNTIL TESTING IS CONCLUDED

HAZARDOUS WASTE

If this waste is NOT a RCRA Hazardous Waste (Attach documentation for knowledge-based determination)

Also check regulations of both the destination (designated TSDF) state and generator's state to determine what, if any, additional waste codes, numbers or requirements may apply

EHS Approval

Name: Don Baker IV Title: EHS Manager

Signature: Don Baker IV Date: 9/15/2017

MSDS Attached ___ Yes X No