VIDEOS THAT SHOW REACTIONS OF COMBUSTIBLE METALS OR COMBUSTIBLE DUSTS

1. LAFD / Titanium Scrap Warehouse / Part One of Three  (6:31 min):
   http://www.youtube.com/watch?v=1xnUculfm-o&feature=related

2. LAFD / Titanium Scrap Warehouse Explosion / Part Two of There  (6:17 min):
   http://www.youtube.com/watch?v=5ykseFxOwQA
   (Shows camera getting knocked down after explosion):

3. LAFD / Titanium Scrap Warehouse / Part Three of Three  (6:50 min):
   http://www.youtube.com/watch?v=kW8_nYQ2Vs&feature=related

4. LAFD Titanium EXPLOSION  (4:31 min):
   http://www.youtube.com/watch?v=NDhnwLheoU4&feature=related
   Shows explosion in alley and fire fighters being showered with molten metal

5. Slauson Explosion  (0:58 min):
   http://www.youtube.com:80/watch?v=DRDJiCnM800&feature=email
   Bi-lingual translation of a titanium explosion!

6. Major Emergency Hazmat Yard Fire, LAFD  (2:58 min)
   http://www.youtube.com/watch?v=I4HXkZv8b7U&feature=related
   Interview with FD Officer, they just need to use more water!!!!!!!

7. Evansville Indiana Close Call Magnesium Explosion Car Fire  (0:35 min):
   http://www.youtube.com/watch?v=lxRJJ0qP318NR=1&feature=endscreen
   No sound. What FD’s should be aware of everyday with vehicle fires.

8. Teacher’s Domain Dust Explosion  (0:15 min):
   http://www.teachersdomain.org/asset/lsp07_int_expldust/
   Small viewing area, can and beaker explosion demonstrations.

   Uses about 1 oz of iron powder for flash fire demonstration

10. How to Breathe Fire Using Corn Starch  (2:02):
    http://www.youtube.com/watch?v=mc8KLKCIHIk
    DSF (Dumbest Stuff on Feet)
11. Alkali Metals: Explosive reactions (1:09 min):
   http://www.youtube.com/watch?v=QSZ-3wScePM
   Petri dish testing of alkali metals. Shows that the different metals have different reactions.

12. Sodium and Water in a 40 gallon trash can (trash can testing) (1:00):
    http://www.youtube.com/watch?v=92Mfric7JUc
    This may indeed be one of the new required ‘field tests’

    http://www.youtube.com/watch?v=wBsx1srLenU Start at about 3:00 minutes
    Very good for showing reaction between burning sodium and water, KA-BOOM!!!!!!!

    http://www.youtube.com/watch?feature=endscreen&v=wl5rLL5KvVs&NR=1
    A field test conducted at Y-12 National Security Complex to determine if the new material used in the coveralls could withstand NaK (sodium/potassium)

15. Magnesium Fire in Bellevue (1:44):
    http://www.youtube.com/watch?v=RCeHt8GEKTY
    Good response by BFD NOT to put water on the burning Mag. Just move unburned material out of the way.

16. Home Made Gun Powder (Needs to be authenticated) (1:18):
    http://www.youtube.com/watch?v=XAES5SXUwVU
    Although funny, needs to be verified that the footage is true to life

17. Thermite Reaction with Aluminum and Iron Oxide (1:12)
    http://www.youtube.com/watch?v=U36rw6Zvp0l
    Shows how hot a thermite reaction can be.

18. NIOSH Report 2009-31, LODD Wisconsin (No video):
    http://www.cdc.gov/niosh/fire/pdfs/face200931.pdf
    Report on LODD from open top dumpster at foundry.

19. NIOSH Report 2010-30, Near-Miss CA (No video):
    http://www.cdc.gov/niosh/fire/pdfs/face201030.pdf
    Including SOP for Combustible Metal Response

20. Disposal of Sodium (Military, Large Drums) (1:45):
    http://www.youtube.com/watch?v=HY7mTCMvpEM
    This was a common way to dispose of alkali metals in the old days.
21. Imperial Sugar Company Dust Explosion and Fire (9:29):
http://www.csb.gov/investigations/detail.aspx?SID=6&Type=2&pg=1&F_All=y
Good animation of the explosion at Dixie Crystal.

22. Magnesium Explosion (1:17):
http://www.youtube.com/watch?v=D1hhgTbtsCs

23. Balls of Steel Fire Fighter Explosion in His Face (1:01):
http://www.youtube.com/watch?feature=endscreen&v=qU6arBcC8nQ&NR=1
Another FD response to a vehicle fire. BEWARE responders.

24. Water on a small magnesium fire (1:08):
http://www.youtube.com/watch?v=TOpsB5n9DZ8 1:08
Fire Fighter Training Video

25. How not to put out a magnesium fire (1:51):
http://www.youtube.com/watch?NR=1&v=95O‐bQo04Ok&feature=endscreen

26. Magnesium Fire Water Spray (0:13):
http://www.youtube.com/watch?v=UfysDkk21ww

27. HUGE MAGNESIUM FIRE AT SCRAP YARD @ STANNINGLEY LEEDS (9:50):
http://www.youtube.com/watch?v=Pp5ynCSewlo&feature=related
Not too interesting. Just shows magnesium burning from a distance.

28. Sawdust Cannon (1:13 min):
http://www.youtube.com/watch?v=IvPL7KC1DEA
Large diameter sono-type tube (12” X 5 ft or so) dust cannon.