



AEROFIL, INC.

WELCOME TO THE NEW ERA OF
HOMELAND SECURITY





CONTAINER TEST

EMPTY CONTAINER



CONTAINER WITH FIRE BLUE DOT SYTEM INSTALLED





CONTAINER TEST

CONTAINER FULL OF BOXES



BURNING INSIDE CONTAINER



PALLET CONTAINER TEST

PALLET CONTAINER WITH FIRE BLUE DOT
SYSTEM



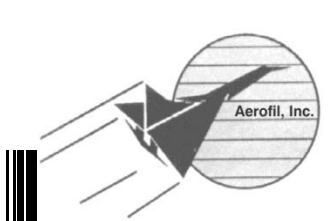


PALLET CONTAINER TEST

PALLET CONTAINER SET UP

ALL SECURE TO PALLET
PLATFORM FLOR





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COMMON SENSE APPROACH

As discussed earlier that in order to contain the explosion in LITHIUM METAL (Primary) batteries we should not give the chance to increase the temperature. These batteries explode when it reaches above 212 degree F. Our thinking is this: We should not give the batteries to reach to that temperature.

In order to solve this problem, we created the thermal insulation box (cost about \$22 to \$25) with the cooperation of our airline customer.

1. We have the metal container (as shown in the picture). We install the FBD board inside the ceiling of the metal container. (We can make any size)
2. Then we put the thermal insulated box inside the metal container.
3. We put the battery box.
4. We put the dry ice (1"x4"x4") on the top of the battery box.
5. We closed the thermal insulation box
6. We close the metal container lid.
7. Our container is safe for 8 hours.
8. We ship the container to its destination.

This way we are solving the LITHIUM METAL (PRIMARY) BATTERIE'S problem. As of now our FBD product works great with Lithium ion batteries and other product.

I am sure you are going to have many questions. Please feel free to let me know so that I may try to answer them.

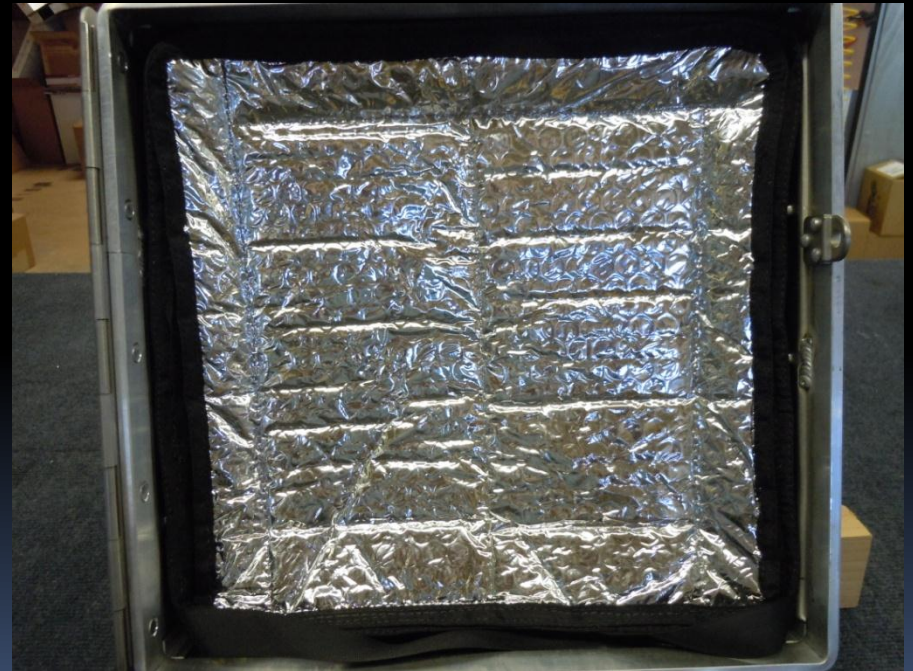


SAFE WAY TO TRANSPORT LITHIUM BATTERIES

METAL CONTAINER



**THERMAL INSULATION BOX
INSIDE METAL CONTAINER**

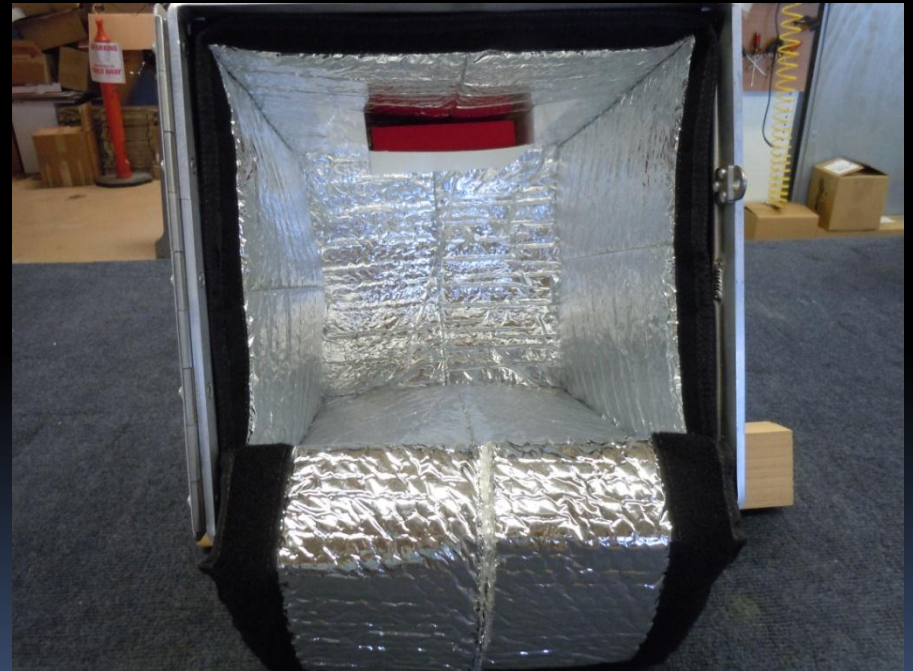


SAFE WAY TO TRANSPORT LITHIUM BATTERIES

**METAL CONTAINER WITH
FIRE BLUE DOT SYSTEM**



**THERMAL BOX WITH DRY ICE
INSIDE TOP PART OF BOX**



SAFE WAY TO TRANSPORT LITHIUM BATTERIES

**PUTTING THERMAL BOX
INSIDE METAL CONTAINER**



**CLOSE CONTAINER WITH
THERMAL BOX**



LITHIUM ION BATTERY TEST

LITHIUM ION BATTERY
(RECHARGABLE)

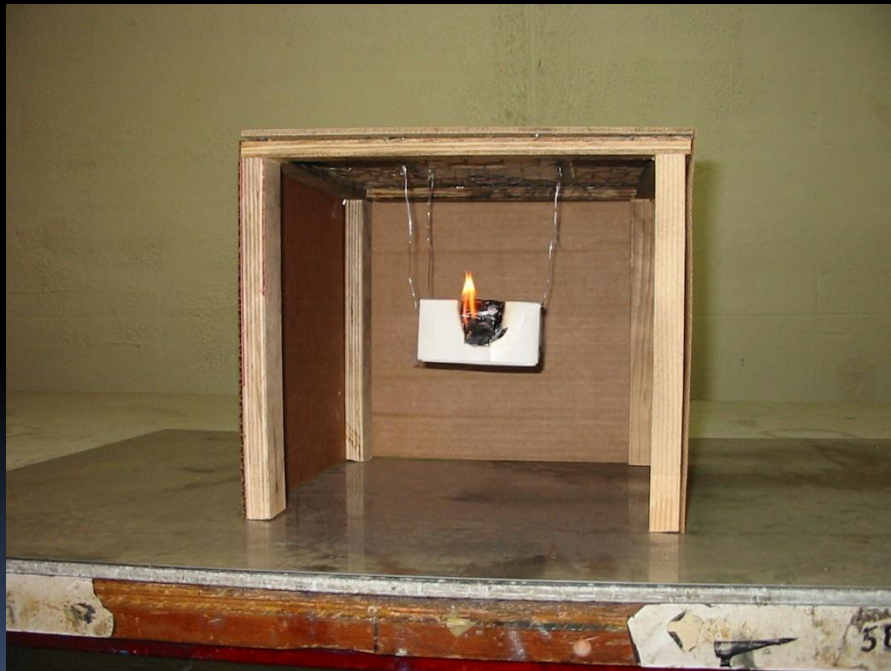


READY WITH FIRE BLUE DOT
SYSTEM TO BURN



LITHIUM ION BATTERY TEST

BURNING BOX WITH LITHIUM ION BATTERY INSIDE



FULL FLAME WHILE FIRE BLUE DOT FALLS ON FIRE



LITHIUM ION BATTERY TEST

FIRE BLUE DOT FALLS ON FIRE
PUTTING FIRE OUT



NO FIRE JUST DUST FROM
THE FIRE BLUE DOT SYSTEM



LITHIUM METAL (PRIMARY) BATTERY

SETTING LITHIUM METAL (PRIMARY)
BATTERY (NON RECHARGABLE)



FIRE BLUE DOT SYSTEM
INTALLED



LITHIUM METAL (PRIMARY) BATTERY TEST

BURNING LITHIUM (PRIMARY) BATTERY



LITHIUM (PRIMARY) BATTERY BURN AND EXPLODED

