



Material Safety Data Sheet

SECTION 1: GENERAL INFORMATION

PRODUCT NAME: 41-0091 (DS-1)
Intrinsically Safe Flashlight
PACKING: White box / pc

SECTION 2: HAZARDOUS INGREDIENTS

Material : Main material: ABS / Rubber / PC

We confirm the material used for this mentioned flashlight is made by toxic free material, complying with ROHS Directive 2011/65/EU recasting 2002/95/EC and Regulation (EC) No. 1907/2006 concerning the REACH.

SECTION 3: PHYSICAL DATA

Weight: 140g / flashlight
Specification of the LED: Cree LED
Operate Mode: High/ Low/ Flash/ Off

SECTION 4: ENVIRONMENTAL CONDITIONS

■ Operating Temperature

-20℃ to 40℃

■ Storage Temperature

-20℃ to 40℃

■ Normal Operation Humidity Range

40℃ / < 85% RH



SECTION 4: MECHANICAL TESTS AND REQUIREMENTS

■ Drop Test

Drop height : 1m drop resistance.

■ Surface

Damage and rusting are not permitted

■ Water Test

IP68

SECTION 4: FIRE & EXPLOSION HAZARDS

This flashlight is complying with UL Explosion Standard.

Class I Div I GRP ABCD

Class II Div I GRP EFG

Class III

Temp code T4

SECTION 5: HEALTH HAZARDS

■ Flashlight Materials:

There are no health hazards from exposure to the plastic flashlight. No adverse effects are expected from occasional exposure to broken flashlight. At a matter of good practice, avoid prolonged or exposure to broken flashlight

■ Emergency And First Aid Procedures :

Glass Cuts: Perform normal first aid procedures. Seek medical attention as required.

SECTION 6: REACTIVITY DATA

Stability: Stable

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