BRADY
WHEN PERFORMANCE MATTERS MOST™

Technical Data Sheet

Safety Padlock – Plastic Shackle

TDS No. LOTO-6
Effective Date: 10/16/2017

Description:

Design

- Compact, lightweight, and enhanced impact resistance.
- Ideal for electrical applications
- Plastic shackle prevents electrocution
- Superior temperature, chemical and corrosion resistance.

Material

- Lock body, Cylinder Cover, and Bolt Driver made from Polyamide Nylon 66
- Color: Lock Body
  - Black
  - Blue (PMS 300)
  - Red (PMS 1805C)
  - Yellow (PMS 340)
  - Orange (PMS 021)
  - Green (Pantone 340)
  - Violet (Pantone 2675)
  - White
  - Brown
- Color: Shackle – Black
- UL Rating - UL 94 – HB

Temperature Range

- Service Temperature: -20° to 120°C (-0° to 250°F)

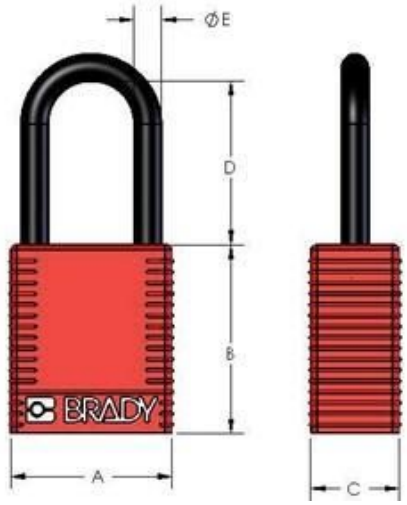
Chemical Resistance

All approved chemicals listed are based on the manufactures specified chemical resistance chart for plastic material only.

Chemical	°C	Chemical	°C
Acetic acid	15 – 30	Nickel salt solns. (chloride, sulfate)	15 – 30
Acetone	15 – 60	Petroleum	15 – 30
Ammonia soln.	15 – 30	Silicone oils	< 80
Ammonia soln.	60	Toluene	15 – 100
Fuel, engine: Gasoline (normal & premium grade	85	Turpentine oil	15 – 30
Fuel, Diesel	85	Turpentine substitute (white spirit)	15 – 30
Heptane	15 – 30	Trichloroethane 1,1,1	45
Lubrication oil: gear oil	< 130	Water (including seawater)	15 – 30
Lubrication oil: HD engine oils, hydraulic oils, transformer oils	< 130	Water (including seawater), chlorinated (<0,5 mg/l)	80
Methanol	15 – 30	Zinc chloride	15 – 30

Dimensions

“A”	–	1.50 [38.1mm]
“B”	–	1.75 [44.5mm]
“C”	–	0.82 [20.8mm]
“D”	–	1.50 [38.1mm]
“E”	–	ø0.25 [6.4]



Details:
MSDS Information

1. **HAZARDS IDENTIFICATION**

This product is NOT DANGEROUS and contains no hazardous ingredients

2. FIRST AID MEASURES/HEALTH INFORMATION PROTECTION

Eye Contact:	Not applicable, product is inert
Ingestion:	Not applicable, first aid is not normally required.
Inhalation:	Not applicable
Skin Contact:	Not applicable, product is inert, except if product is melted use gloves. For hot melted product, immerse in or flush affected area with water to dissipate heat, then obtain medical attention.
Exposure Limits:	None
Threshold Limits	None
Personal Protection:	None (ambient conditions)
NPCA-HMIS Rating:	Health: 0; Flammability: 1; Reactivity: 0
NFPA-704 Rating:	Health: 0; Flammability: 1; Reactivity: 0

3. FIRE-FIGHTING MEASURES

• Be cautious of hot melted Nylon	• Use water spray to cool fire, exposed surfaces, and to protect personnel
• Isolate product from fire	• Respiratory and eye protection is required for fire fighting personnel
• Extinguish fire with water spray	• Decomposition products under fire conditions: Oxygen-lean conditions may cause monoxide and irritating smoke

4. ACCIDENTAL RELEASE MEASURES

Land	Recover material and place in suitable container for reuse or for disposal in conformance with local regulations
Water	Recover material and place in suitable container for reuse or for disposal in conformance with local regulations.

5. HANDLING AND STORAGE

5.1 Handling	5.2 Storage
No precautions noted-see local regulation if needed	Storage pressure: Atmospheric
	Storage temperature: Ambient, no direct sunlight

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

6.1 Exposure limit values	6.2 Exposure Controls
None	6.2.1 Occupational Exposure Controls
	6.2.1.1 Respiratory Protection: Not applicable
	6.2.1.2 Hand Protection: Not applicable
	6.2.1.3 Eye Protection: Not applicable
	6.2.1.4 Skin Protection: Not applicable
	6.2.2 Environmental Exposure Controls: No data available

7. PHYSICAL AND CHEMICAL PROPERTIES

General Information	
Other Information	

8. STABILITY AND REACTIVITY

8.1 Conditions to Avoid
Higher Temperatures and direct sunlight (chemical resistance is excellent)
Highly stable, but temperatures over 480 F may cause degradation
8.2 Materials to Avoid
No data available
8.3 Hazardous Decomposition Products
Under fire and oxygen-lean conditions may cause monoxide and irritating smoke

9. ECOLOGICAL INFORMATION

9.1 Ecotoxicity	No data available
9.2 Mobility	No data available
9.3 Persistence and Degradability	No data available
9.4 Bioaccumulative Potential	No data available
9.5 Other Adverse Effects	No data available

10. DISPOSAL CONSIDERATIONS

None of the materials in this product are Recyclable, dispose of all materials in accordance with an applicable federal, state, and local law.

11. TRANSPORT INFORMATION

No data available

12. REGULATORY INFORMATION

This product has been tested and validated to the Regulatory Requirements listed below.	
• OSHA 29 CFR 1910 .147 ©(4)(ii)(A)(1)/(c) (5)(ii)(C)(1)	• ANSI standard Z244

13. OTHER INFORMATION

No data available

Trademarks:

Note: All values shown are averages and should not be used for specification purposes.
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