Technical Data Sheet

Safety Padlock- Steel Shackle

TDS No. LOTO-8
Effective Date: 10/17/2017

Description:

Design

- Compact, lightweight, and superior corrosion and chemical resistance
- Nonconductive, spark resistant lock body
- Insulated key chamber protects workers from shock when the key is inserted
- Key won't release until the padlock shackle is securely closed
- 6-pin cylinder for better tamper resistance

Material

- Lock body made from Polyamide Nylon 66
- Color: Lock Body
  - Black
  - Orange
  - Blue
  - Green
  - Red
  - Violet
  - Yellow
  - Brown
- Shackle made from steel
- UL Rating - UL 94 – HB (Plastic Components Only)

Chemical	°C	Chemical	°C
Acetone	15 – 60	Nickel salt solns. (chloride, sulfate)	15 – 30
Ammonia soln.	15 – 30	Petroleum	15 – 30
Ammonia soln.	48	Silicone oils	< 80
Fuel, engine: Gasoline (Leaded & Unleaded)	48	Toluene	15 – 30
Fuel, Diesel	85	Water (including seawater)	15 – 30
Heptane	15 – 30	Water (including seawater), chlorinated (<0,5 mg/l)	80
Lubrication oil: gear oil	< 130	Zinc chloride	15 – 30
Lubricating oil: HD engine oils, hydraulic oils, transformer oils	< 130		

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.

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]

Warranty

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

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Catalog Numbers

Brady - North America www.bradyid.com

1 Padlock -Keyed Different	6 Padlock -Keyed Different	3 Padlocks -Keyed Alike	6 Padlocks -Keyed Alike
99552	51339	105886	105890
99556	51344	105887	105891
99564	51345	105888	105892
99570	51346	105889	105893
99576	51347	118947	118948
99580	51353	118951	118952
103033	104916	118949	118950
104919	104956		
143123	118925		

Brady - Europe www.en.bradyeurope.com

6 Padlocks - Keyed Different		
51344	51345	813636
51339	51346	813637
51353	51347	813638
		814113

Brady - Asia/Pacific www.brady.com.cn

1 Padlock - Keyed Different		6 Padlocks - Keyed Different	
99552	99576	51339	51347
99556	99580	51344	51353
99564	103033	51345	102594
99570	104919	51346	104916

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:

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