

HANDOUTS: SDS: Auto Service Technician (5 pages)

Skill Builder: Key Words & Phrases, Tables & Lists

IN THE WORKPLACE: According to the WCB (Workers' Compensation Board), it is each worker's responsibility to learn about hazardous products they use and to follow safe work procedures. Detailed information about hazardous products is provided in Safety Data Sheets, usually called SDS.

PART 1: SDS standards are set by law. Every SDS must contain information on the following 16 sections.

1. **Product and Company Information:** Includes product name, what the product is used for, the chemical name, the name of the manufacturer or suppliers with contact information.
2. **Hazardous Identification:** The related hazard classifications (with pictograms) and the potential health effects of each hazard associated with the product.
3. **Composition/Ingredients:** Chemical and common names of hazardous ingredients.
4. **First aid measures:** Immediate treatment and information for medical professionals.
5. **Fire-fighting measures:** Suitable extinguishers and instructions to fire-fighters.
6. **Accidental release measures:** What to do if the product spills out of its container.
7. **Handling and Storage:** Precautions for safe handling.
8. **Exposure Controls/Personal Protection:** Guidelines for safe use and required personal protective equipment (PPE).
9. **Physical and Chemical Properties:** Information such as product colour and smell and details related to the product's chemicals' effects on health, safety and the environment.
10. **Stability and Reactivity:** What happens to the product if it comes into contact with another product.
11. **Toxicological information:** How health can be affected by short-term and long-term exposure to the product.
12. **Ecological information:** Information on the environmental impact of the product.
13. **Disposal Considerations:** Information on safe waste disposal including packaging.
14. **Transport Information:** Shipping information such as the shipping classification and the Transport Canada PIN (Product Information Number) for the whole product.
15. **Regulatory Information:** Safety, health and environmental regulations specific to the product.
16. **Other information:** Details of any changes to the SDS since the last revision.

On the job you will need to look up information in the SDS. You want to be efficient and start with the section that will most likely have the answers you are looking for.

- Decide which of the 16 section of the SDS you would scan **first** to find the answer to each of the search questions below.
- Enter the **section number** of the section in the space provided.

Search Questions	Section (1-16)
1. What is the name of the product?	
2. What is the product made of?	
3. Where should the product be stored when not in use?	
4. What should you do if this product splashes in your eyes?	
5. Is the product made in Canada?	
6. If this product catches fire, how do you put it out?	
7. What sort of PPE should be worn when using this product?	
8. What should the product smell like?	
9. How can you dispose of leftover product?	
10. What are the US shipping codes for this product?	
11. What is the product used for?	
12. What hazards are associated with this product?	
13. What changes if any have been made since the last revision?	
14. Are there potential long term risks associated with using this product?	

PART 2: Locate the answers to the following questions in the SDS sections that follow. Highlight the answers or write the in the space provided below.

1. What is the name of the product?

2. What is the phone number to call in an emergency?

3. What month and year was the SDS last issued?

4. What should you do if the product gets in your eyes?

5. Where can you find information on what protective equipment to use?

6. When should a respirator be used as part of the PPE?

7. How stored the product be stored? Why?

8. Identify 2 recommended actions for how to clean up the product and 1 action that is not recommended.

9. What evidence is there that dust from the product may pose a health risk?

10. When should calling for medical help be the first response?



SAFETY DATA SHEET

SAFETY DATA SHEET NUMBER: ABS-BP-SDS-1

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Integrally Molded Brake Pad
MANUFACTURER / SUPPLIER: ABS Friction Inc.
 55 Taggart Street
 Guelph, ON
 Canada, N1L 1M9
 EMERGENCY PHONE NUMBER: (519) 763-9000
 8:30 AM to 4:30 PM ET
www.absfriction.com
PRODUCT USE: Vehicle brake pad
DATE OF PREPARATION: August 20, 2015

SECTION 4 - FIRST AID MEASURES

INHALATION: If symptoms are experienced (e.g. cough, irritation, etc.), remove victim to fresh air. If irritation persists, seek medical attention.
SKIN CONTACT: In case of irritation, remove contaminated clothing and flush affected areas with water. If irritation persists, seek medical attention.
EYE CONTACT: Remove any contact lenses. Immediately and continuously flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
INGESTION: Seek medical attention.
PERSONAL PROTECTIVE EQUIPMENT FOR FIRST AID RESPONDERS: Not applicable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear appropriate personal protective equipment – refer to Section 8 for more information. This would include a particulate respirator if airborne dust is generated.
ENVIRONMENTAL PRECAUTIONS: Not applicable
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Avoid generating dust from this product. Clean up using methods that do not generate dust such as HEPA vacuum or wet clean up. Avoid using compressed air for removal of dust.

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Handle in accordance with good industrial hygiene and safety practices. Minimize dust generation. Use adequate ventilation if dust is generated. Avoid contact with skin and eyes.
STORAGE REQUIREMENTS: Store the product in a dry area as contact with moisture may promote rust.
SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
SENSITIVITY TO STATIC DISCHARGE: Not sensitive

ABS Friction. (August 20, 2015). Internally molded brake pad. [Safety Data Sheet]. <http://www.absfriction.com/pdf/MSDS.pdf>

Note: This document has been modified. Sections 2, 3, 5 and 8-16 are not included here. This document is not an official version.