



AirBoss Engineered Products Inc.
970 LANDRY STREET, ACTON VALE, QUEBEC, J0H 1A0
FAX. (450) 546-3735 TEL. (450) 546-2776
EMAIL. industrial@airboss-acton.com

MATERIAL SAFETY DATA SHEET

NO: D.A.T. 4495

24 HOUR EMERGENCY PHONE NUMBER: CANUTEC (613) 996-6666

SAFETY DATA INFORMATION: CANUTEC (613) 996-6666

1 PRODUCT NAME: D.A.T. 4495

DESCRIPTION: UNCURED RUBBER COMPOUND

This compound is a mixture of polymer, fillers, curatives and specialty ingredients.

2 HAZARDS IDENTIFICATION

Emergency Overview:

The ingredients are bound within the matrix of the polymer to the extent that adverse effects are not expected at ambient temperatures. Processing operations may produce vapours that may cause eye, skin or respiratory tract irritation. Toxic combustion products may be released under burning conditions.

INHALATION	No adverse effects likely.
SKIN CONTACT	No adverse effects likely.
EYE CONTACT	No adverse effects likely.
INGESTION	Do not ingest.

Potential Effect from Overexposure

Ingestion	Get medical treatment if ingested.
Skin Contact	Not irritating to the skin.
Inhalation	May be adverse effects at processing temperatures but not at normal temperatures.
Allergic Reaction	Surface contact may be an issue with some people as it may cause an allergic reaction.

NFPA RATING

Health:	1
Fire:	2
Reactivity:	0

3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CONCENTRATION %	CAS NO	EXPOSURE LIMITS	
			LD50	LC50
Carbon Black	15 - 40%	1333-86-4	OSHA 3.5 mg/m3 dust	
Zinc Oxide	1 - 5%	1314-13-2	OSHA/ACGIH 5 mg/m3 fume or respirable dust and 15 mg/m3 total dust	
Resorcinol	0.5 - 1.5%	108-46-3	ACGIH 10 ppm (45 mg/m3 TWA)	
Hexamethylene-tetramine	0.1 - 1.0%	100-97-0	<2.5 mg/m3 dust (TLV)	

4 FIRST AID				
EYE CONTACT		Treat as inert particulate matter. Flush eyes with water for several minutes.		
SKIN		Use barrier cream S.B.S-46 and/or PPE gloves as preventative measure Wash with water and soap.		
INHALATION		Take to fresh air if having effect from process fumes.		
INGESTION		Seek professional medical help if ingested.		
SPECIAL PRECAUTIONS		At processing temperatures, fumes may be emitted which may cause irritation Watch for symptoms like coughing, tearing and irritation of eyes or skin. Make sure there is adequate ventilation in all processes.		
5 FIREFIGHTING MEASURES				
FLASH POINT (method)		Not determined.		
FLAMMABLE LIMITS IN AIR		(% by volume) Not determined.		
AUTO-IGNITION TEMPERATURE		Not determined.		
EXTINGUISHING MEDIA		Use extinguishing media suitable for Class A fires (ordinary combustibles). Carbon dioxide is not recommended because of lack of cooling capacity. See Sec 10 for information on combustion products.		
SPECIAL FIRE FIGHTING EQUIPMENT AND PROCEDURES		Do not enter confined fire space without proper protective equipment including NIOSH approved self contained breathing apparatus.		
6 ACCIDENTAL RELEASE PROCEDURE				
STEPS TAKEN IF MATERIAL IS RELEASED OR SPILLED		If material is not soiled or contaminated, it can be re-used.		
		This material will not cause any harmful or adverse effects if spilled or released into the atmosphere.		
WASTE DISPOSAL METHOD		Dispose of according to state or provincial legislation. This material is not defined hazardous by 40CFR261.		
7 STORAGE & HANDLING				
STORAGE		Store between 15 and 35°C to avoid onset of curing reaction.		
HANDLING		No special precautions required.		
SPECIAL SAFEGUARDS		Watch for buildup of processing fume condensate on fume hoods and remove periodically as they may be combustible. Minimize dust generation.		
8 EXPOSURE CONTROLS / PPE				
RESPIRATORY PROTECTION		Not required at RT - need for adequate ventilation for processing.		
PROTECTIVE GLOVES		Use of normal chemical hygiene practices is recommended.		
EYE PROTECTION		Follow facility guidelines.		
VENTILATION		Local exhaust to keep processing vapours below TWA or permissible limits.		
OTHER		Use of barrier creams on hands may be beneficial for persons that otherwise may develop skin allergies.		
9 PHYSICAL DATA				
Boiling Point		Not applicable.	Appearance	Black Rubbery Solid.
Freezing Point		Not determined.	% Volatile	Not determined.
Specific Gravity (H2O=1)		1.11 +/- 0.02	Other	
Solubility in Water (%WET)		Insoluble.	Odor	Slightly Aromatic.

10 REACTIVITY DATA	
STABILITY	Material is stable.
HAZARDOUS POLYMERIZATION	Will not occur.
INCOMPATIBILITY	Not reactive with other substances at ambient temperature. A vulcanization reaction will take place at temperatures exceeding 100°C (212°F).
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide, smoke, hydrocarbons.
11 TOXICOLOGICAL INFORMATION	
ROUTES OF ENTRY	Skin.
EFFECT OF ACUTE EXPOSURE	Not determined.
EFFECT OF CHRONIC EXPOSURE	Not determined.
EXPOSURE LIMITS	Not determined.
IRRITANCY AND CORROSIVENESS	Not determined.
SENSITIZATION TO PRODUCT	Not determined.
CARCINOGENICITY	None.
REPRODUCTIVE TOXICITY	None.
TERATOGENICITY	None.
MUTAGENICITY	None.
12 ECOLOGICAL INFORMATION	
No data available at this time.	
13 DISPOSAL CONSIDERATIONS	
Disposal of Waste Compound	May be disposed of in landfill in accordance with applicable environmental control regulations.
14 TRANSPORT INFORMATION	
Controls:	Not Controlled under TDG (Canada) or US DOT or UN.
Classification:	No classification specified.
15 REGULATORY INFORMATION	
CERCLA 103 Reportable Quantity	Not applicable.
SARA TITLE III - Section 313	Following chemicals are subject: None.
EPA Toxic Substance Control Act (TSCA)	No chemicals are subject to TSCA 12(b) notification requirement.
Canadian WHMIS Classification	No classification specified.
Canadian Environmental Protection Act	All ingredients are found on the Canadian Domestic Substance List. Two ingredients meet the Environmental criteria for categorization: Zinc Oxide; N-1,3-Dimethylbutyl-N'-p-phenylene diamine.
16 PREPARATION INFORMATION	
DATE:	02-09-2016
ISSUE #1	
PREPARED BY	AirBoss Engineered Products Tech Service

To the best of AirBoss Engineered Products' knowledge, the above information is true and accurate as of the date of preparation of this safety data sheet.

The above information may not be everything required depending on actual conditions of use and handling - please use as guideline only. AirBoss Engineered Products makes no warranties, expressed or implied, and shall not be liable for any damages or injury, howsoever caused, arising out of the use of this data sheet.

MSDS CODE: D.A.T. 4495