

Material-Safety-Data-Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) Matches, Safety, Book	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name D. D. BEAN & SONS Co.	Emergency Telephone Number 800-535-5053
Address(Number, Street, City, State, and ZIP Code) P. O. BOX 348 JAFFREY, NH 03452 603-532-8311	Telephone Number for Information 603-532-8311
	Date Prepared January 1, 2010
	Signature of Preparer (optional) JULIA BARTLETT

Section II - Hazardous Ingredients/Identity Information

Hazardous components(Specific Chemical Identity: Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits	
			Recommen	% (optional)
Potassium Chlorate	3811-04-9	NE	<.01%	
Sulfur	7704-34-9	NE	<.01%	
Amorphous Red Phosphorus	7723-14-0	NE	<.01%	

NE = None Established

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H 0 -1) 1.3	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AR - 1)	NA	Evaporation Rate(Butyl Acetate-1)	NA

Solubility in Water

MATCH HEADS ARE SOLUBLE IN WATER

Appearance and Odor

NA

Section IV - Fire and Explosion Hazard Data

Flash Point(Method Used) NA	Flammable Limits IN EXCESS OF 375 F	LEL --	UEL --
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Extinguishing Media

WATER

Special Fire Fighting Procedures

NA

Unusual Fire and Explosion Hazards

AUTO IGNITION AT TEMP IN EXCESS OF 375 F OR
IF EXPOSED TO FLAME

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*) None

Hazardous Decomposition or Byproducts MATCHES - OXYGEN, OXIDES OF SULFUR

STRIKER - OXIDES OF PHOSPHORUS

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? YES Skin? NO Ingestion? NO

Health Hazards (*Acute and Chronic*) NONE

Carcinogenicity: NTP? NONE IARC Monographs? NA OSHA Regulated? NO

Signs and Symptoms of Exposure COUGHING FROM SMOKE

Medical Conditions Generally Aggravated by Exposure RESPIRATORY AILMENTS MAY BE AGGRAVATED BY IGNITION FUMES

Emergency and First Aid Procedures TREAT BURNS ACCORDINGLY

MOVE TO FRESH AIR

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled WET WITH WATER

Waste Disposal Method SATURATE WITH WATER AND DISPOSE AT LANDFILL OR INCINERATE ACCORDING TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS

Precautions to Be Taken in Handling & Storing AVOID TEMPERATURES IN EXCESS OF 375 F/STORE IN COOL, DRY PLACE MATCHES, SAFETY, BOOK UN1944, DOT 49 SUBPARTS 173.186 (C)

Other Precautions KEEP MATCHES AWAY FROM CHILDREN, DISCARD IF WET

Section VIII - Control Measures

Respiratory Protection (*Specify Type*) NONE REQUIRED

Ventilation	Local Exhaust	NONE	Special	STORE IN COOL DRY PLACE
	Mechanical (<i>General</i>)	NA	Other	NA

Protective Gloves NA Eye Protection NA

Other Protective Clothing or Equipment NA Work/Hygienic Practices NA

Section XIX - Transportation Measures

UN 1944, 4.1, III *According to 49 CFR 173.186(C) Safety matches and wax "Vesta" matches*

Matches, Safety, Book *must be tightly packed in securely closed inner packagings to prevent accidental*

DOT 49 CFR 173.186(C) NO PLACARDS REQUIRED *ignition under conditions normally incident to transportation, and further packed*

in outer fiberboard, wooden, or other equivalent outer packagings. These matches

in outer packages not exceeding 23 Kg (50 pounds) gross weight are not subject

to any other requirement (except marking) of this subchapter. These matches

may be packed in the same outer packaging with materials not subject to this

subchapter.

While the information and recommendations contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. It is the responsibility of the user to comply with all Federal, State and Local regulations.