

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.

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 February 1, 2013
	Signature of Preparer (optional) JULIA BARTLETT

Section II - Hazardous Ingredients/Identity Information

Hazardous components(Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommend	% (optional)
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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**

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

Signs and Symptoms of Exposure **COUGHING FROM SMOKE**

Medical Conditions **RESPIRATORY AILMENTS MAY BE AGGRAVATED BY IGNITION FUMES**

Generally Aggravated by Exposure **TREAT BURNS ACCORDINGLY**

Emergency and First Aid Procedures **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
	NONE	Mechanical (<i>General</i>)	NA	Other

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 must be tightly packed in securely closed inner packagings to prevent accidental 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.*

Matches, Safety, Book

DOT 49 CFR 173.186(C) NO PLACARDS REQUIRED

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.