IDENTITY (As Used on Label and Ust) ESTES MODEL ROCKET ENGINE	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	Emergency Teleph	Emergency Telephone Number					
ESTES INDUSTRIES			1-719-372-6565				
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information						
1295 H STREET	1-719-372-6565						
PENROSE CO 81240	Date Prepared						
	Signature of Preparer (optional)						
Section II — Hazardous Ingredients/Ident	tity Information	1					
Hazardous Components (Specific Chemical Identity; C	ommon Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (option		
POTASSIUM NITRATE				71.79%			
SULPHUR				13.45%			
CHARCOAL				13.81%			
DEXTRIN				0.95%			
	•	NOTE:	AVERAGE EN	GINE INGRE	DIENTS		
Section III — Physical/Chemical Character Soiling Point /apor Pressure (mm Hg.)	nistics N/A N/A	Specific Gravity (H ₂ : Melting Point	O = 1)		N/A N/A		
apor Density (AIR = 1)		Evaporation Rate					
colubility in Water	N/A	(Butyl Acetate = 1)			N/A		
ppearance and Odor							
OUTER CASING KRAFT PAPER, INSIDE O	CHEMICAL BLAC	CK - SULPHUR OF	OR				
section IV — Fire and Explosion Hazard I							
Tash Point (Method Used)		Flammable Limits		LEL	UEL		
AUTOIGNITION IS 540° F		HARMINANC CHINGS		1	322		
extinguishing Media							
WATER							
pecial Fire Fighting Procedures SOAK SURROUNDING AREA WITH WAT	TER TO PREVI	ENT FIRE SPRE	AD. FOAM AN	ID POWDER E	XTINGUISHE		
INEFFECTIVE AS ENGINE PRODUCES	S OWN OXYGEN	J.	•				
Inusual Fire and Explosion Hazards							
MODEL ROCKET ENGINES MAY FLY I	LIKE ROCKET	FOR SHORT DI	STANCES WHEN	IGNITED,	BUT DO NOT		
EXPLODE.				•			
tyle CU-FP174 Labelmaster, Div. of Americ	an Labelmark C	o. Inc. 60646		-			
					90091		

Section V -	 Reactivity Data 	<u> </u>				
Stability	Unstable		Conditions to Avoid			
	Stable	X				
Incompatibility	(Materials to Avoid)					
	omposition or Byprodu OMBUSTION PRO		MAY BE CONSIDERE	D TOX	(C.	· .
Hazardous	May Occur	T	Conditions to Avoid			
Polymerization	Will Not Occur	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
Section VII	- Health Hazard	Data				
Route(s) of Entry		lation?		Skin?		Ingestion?
Health Hazards	(Acute and Chronic)					
				•	•	
				•	,	
Carcinogenicity:	NTP	?		ARC Mon	ographs?	OSHA Regulated?
Signs and Symp	Homs of Exposure				•	
	·		·. ·			
Medical Conditio			· · · · · · · · · · · · · · · · · · ·			
Generally Aggrav	vated by Exposure		•			
	First Aid Procedures OR BURNS USE	FIRS	T AID OINTMENT.	FOR SE	EVERE BURNS, CO	NSULT PHYSICIAN. IF
PROPELL	ANT IS SWALL	OWED,	INDUCE VOMITING	AND CO	NSULT A PHYSIC	IAN.
Section VII -	- Precautions fo	or Safe	e Handling and Use			
Steps to Be Take SOAK AR	en in Case Material Is EA WITH WATER	Releas R, CL	sed or Spilled EAN—UP WITH WATER	AND V	VET CLOTHS OR O	THER SUITABLE MATERIAL.
	•				•	
			,	•		
Waste Disposal I		0047	CELER AND TERM	DAT DI	COURT AME ON C	_
IN ACCO	RDANCE WITH I	LOCAL	, STATE, AND FEDE	KAL KI	EGULATIONS.	
recautions to B	e Taken in Handling	and Sta	· · · · · · · · · · · · · · · · · · ·			
				KEEP A	WAY FROM HIGH	TEMPERATURE AREAS.
			. 4			
Other Precaution		rr Amr	D COMPTETONS AT	******	201101111	R SAFETY CODES. DO NOT
		,	D CONDITIONS. AL			
			RAP MODEL ROCKET	ENGIN	ES OR THEIR ING	REDIENTS IN ANY MANNER.
	- Control Measo	ures				
	sction (Specify Type)					
Ventilation	Local Exhaust				Special	
YES	Mechanical (General)	· · · · · · · · · · · · · · · · · · ·		Other	
Protective Gloves				Eye Pr	otection ,	.
NOT REQ					RECOMMENDED	
		1(
Work/Hygienic Pr	actices					