

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

HMIS H-1, F-1, R-0



IDENTITY (As Used on Label and List)

FIRE LOAD

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

Royaltone Co. Inc.

Emergency Telephone Number

918-663-9666

Address (Number, Street, City, State, and ZIP Code)

9504 E 55th St.

Telephone Number for Information

918-622-6677

Tulsa OK 74145

Date Prepared

10/15/01

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

% (optional)

This product does not contain any hazardous materials based on current
Department of Labor regulations as we interpret them.

Section III — Physical/Chemical Characteristics

Boiling Point	760mm Hg	200°F	Specific Gravity (H ₂ O = 1)	1.05
Vapor Pressure (mm Hg.)	20°C	0.01mmHg	Melting Point	150°F
Vapor Density (AIR = 1)		1	Evaporation Rate (Butyl Acetate = 1)	0.01
Solubility in Water	100% at 20°C			

Appearance and Odor

Pale Blue - clear liquid, mild odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)

ASTMD93 480°F

Flammable Limits

LEL

NA

UEL

NA

Extinguishing Media

Foam, CO2 dry chemical, water spray

Extinguishing Media

Foam, CO2 dry chemical, water spray

Special Fire Fighting Procedures

wear respirator (pressure-demand, self-contained breathing apparatus, OSHA

NIOSH approved or equivalent) full protective gear

Unusual Fire and Explosion Hazards

explosive mixtures may form by compounding with strong oxidizing and reducing agents.

(Reproduce locally)

OSHA 174, Sept. 1985

FIRE LOAD**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	Excessive heat

Incompatibility (Materials to Avoid) strong oxidizing and reducing agents

Hazardous Decomposition or Byproducts

NA

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	NONE

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	YES	Skin?	YES	Ingestion?	YES
--------------------	-------------	-----	-------	-----	------------	-----

Health Hazards (Acute and Chronic)

SKIN: moderately irritating. EYES: severely irritating to eyes, possible permanent injury

Carcinogenicity:	NO	NTP?	NO	IARC Monographs?	NO	OSHA Regulated?	NO
------------------	----	------	----	------------------	----	-----------------	----

Signs and Symptoms of Exposure

repeated skin contact may cause dermatitis, inhalation of mist may cause irritation of respiratory tract.

Medical Conditions

Generally Aggravated by Exposure unlikely to aggravate

Emergency and First Aid Procedures

EYE, SKIN: flush eyes with large amount of water for at least 15 min., get prompt medical attention. wash skin thoroughly w/soap & water, remove & wash clothing before re-use. INGESTION: dilute by giving 2 glasses of water to drink, see doctor.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled floor may be slippery, use care to avoid falling.

wipe up and clean up residue with water. Launder wiping cloths. Thoroughly launder clothing before re-use.

Waste Disposal Method

dispose of water in accordance with Local, State and Federal regulations.

Precautions to Be Taken in Handling and Storing

viscosity will increase at low temperatures

Other Precautions

NONE

Section VII — Control Measures

Respiratory Protection (Specify Type)

NONE

Ventilation

Local Exhaust

NA

Special

NA

Mechanical (General)

NA

Other

NORMAL ROOM VENTILATION

Protective Clothing

impervious

Eye Protection

splash goggles

Other Protective Clothing or Equipment

safety shower, eyewash facility, protective clothing

Work/Hygiene Practices

DO NOT GET IN EYES. DO NOT SWALLOW. AVOID CONTACT WITH SKIN OR CLOTHING

Page 2

U.S. Government Printing Office: 1987-181-504 64382

none

(Reproduce locally)

OSHA 174 Sept. 1985

disposing.

Section VIII — Control Measures

Respiratory Protection (Specify Type) air supplied mask

Ventilation

Local Exhaust

preferable

Special

none

Mechanical (General)

acceptable

Other

none

Protective Gloves

plastic gloves

Eye Protection

goggles

Other Protective Clothing or Equipment

long sleeve shirt, safety shower and eye bath

Work/Hygiene Practices

Page 2

U.S. Government Printing Office: 1987-181-504 64382