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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*)
Ultra Shine

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 – Identity

NA = Not Applicable NIA = No Information Available

Manufacturer's Name
Royaltone Company Inc

Emergency Telephone Number
918 663-9666

Address *(Number, Street, City, State, and ZIP Code)*
9504 E 55th St
Tulsa OK 74145

Telephone Number For Information
918-622-6677

Date Prepared
1/25/05

Chemical Family
Aerosol paint ID# 20L001N-11.5

Signature of Preparer *(optional)*

Section II – Hazardous Ingredients

Chemical Identity; Common Name(s)	CAS #	%	LEL	vapor press mg/Hg @ 20C	OSHA PEL	ACGIH TLV	SAR313	List Carcinogen
Acetone	**67-64-1**	**20.0**	**12.8**	**181.0**	**750**	**750**	**N**	**N**
Methyl Ethyl Ketone	**78-93-3**	**15.0**	**1.8**	**83.0**	**200**	**200**	**Y**	**N**
Propane	**74-98-6**	**15.0**	**2.2**	**110.0**	**1000**	**1000**	**N**	**N**
N-Butyl Acetane	**123-86-4**	**12.0**	**1.7**	**6.3**	**150**	**150**	**N**	**N**
Isopropyl Acetate	**108-21-4**	**10.0**	**N/A**	**N/A**	**250**	**250**	**N**	**N**
Ethyl Acetate	**141-78-6**	**7.0**	**2.2**	**29.3**	**400**	**400**	**N**	**N**
N-Butyl	**106-97-8**	**7.0**	**1.8**	**17.0**	**800**	**800**	**N**	**N**
Isopropanol	**67-63-0**	**6.0**	**2.0**	**33.0**	**400**	**400**	**N**	**N**
2-Ethylhexyl Acetate	**103-09-3**	**1.0**	**N/A**	**N/A**	**N/A**	**N/A**	**N**	**N**
N-Butyl Alcohol	**71-36-3**	**1.0**	**1.4**	**4.4**	**50**	**50**	**Y**	**N**
Butyl Benzyl Phthalate	**85-68-7**	**1.0**	**N/A**	**N/A**	**N/A**	**N/A**	**Y**	**N**

Section III – Physical Data

Boiling Point	**-43F – 340F**	Specific Gravity (H_20=1)	
Vapor Pressure (mm Hg.)	**340**	Melting Point	
Vapor Density (AIR=1)	**heavier**	Evaporation Rate (Butyl Acetate = 1)	**Faster than ether**
pH ,1%		% Voatile	**99.4**

Solubility In Water
negligible

Appearance and Odor
opaque spray- solvent odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) **less than 12'F**	Flammable Limits	LEL **14.8**	UEL **22.0**

Extinguishing Media
Use (NFPA) Class B extinguisher CO2, or foam

Special Fire Fighting Procedures
Fight fire from safe distance. Wear full protective equipment, including self contained breathing gear

Unusual Fire and Explosion Hazards
Pressure build up due to heat exposure may cause containers to explode. Water may be used to cool ruptured containers

Section V – Physical Hazards / Reactivity Data

Stability	Unstable		Conditions to Avoid **High temperatures and open flames**
	Stable	x	

Incompatibility (*Materials to Avoid*) **unknown**

Hazardous Decomposition or Byproducts **carbon monoxide, carbon dioxide**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	x	

Section VI – Health Hazard Data

Routes(s) of Entry:	Inhalation?	Skin?	Eyes?	Ingestion?
	yes	**yes**		

Health Hazards (*Acute and Chronic*)

Acute: Anasthetic effect. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma Chronic: reports have associated repeated and prolonged over-exposure to solvents with liver, kidney, brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Not considered carcinogen	**no**	**no**	**no no**

Signs and Symptoms of Exposure

Eye: contact may cause redness, irritation, tearing and blurred vision Skin: contact may dry skion causing cracks and irritation Ingestion: may be harmful or fatal if swallowed

Medical Conditions Generally Aggravated by Exposure

Asthma and other respiratory ailments. Chemical sensitization.

Section VII – First Aid Measures

1. Inhalation **Remove from exposure. Administer oxygen if necessary. Call a physcian**

2. Eyes **immediately flush with water for 15 minutes**

3. Skin **remove contaminated clothing and shoes. Wash contact area with soap and water. Wash clothing and shoes before reuse**

4. Ingestion **drink one or two glasses of water to dilute. Do not induce vomiting. Contact Physcian or Poison ControlCenter immediately**

Section VIII – Preventitive Measures

Respiratory Protection (*Specify Type*) **In areas with unrestricted ventilation, an OSHA approved respirator to remove solid airbourne particles of over spray may be used if prolonged and repeated exposure likely. In areas of restricted ventilation, the use of OSHA approved chemical/mechanical filter designed to remove both particles and vapors is recommended.**

Ventilation	Local Exhaust **yes**	Special **Supply sufficient ventilation to keep air contaminant concentration below current OSHA (PEL) or ACGIH(TLV)**
	Mechanical (*General*) **yes**	Other **none**

Protective Gloves	Eye Protection
Use if contact is likely	**safety glasses to prevent eye contact**

Other Protective Clothing or Equipment

Eye wash solutions and safety showers

Work/Hygienic Practices

Wash hands before eating or using washroom

Section IX – Special Precautions / Spill Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled

Eliminate all ignition sources. Provide ventilation. Collect spills with absorbent material and non sparking tools

Waste Disposal Method

Dispose in accordance with all federal, state, and local regulations. Do not incinerate containers

Precautions to Be Taking in Handling and Storing

Avoid breathing vapors- Do not store in areas above 120'F or near fire or open flame. When storing in large quantities, storage conditions should comply with OSHA 1910.106

Other Precautions

Avoid getting in eyes. Use in well ventilated area- Prevent prolonged or repeated breathing of vapor or spray mist. Do not take internally. Keep out of reach of children.

Section X– Other Information