

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: UR-1 Urethane Reducer

Manufacturer: Color Rite Distributing Inc.
1817 E. Ave. Q, Ste. C-24
Palmdale, CA 93550

Information Phone Number: 800-736-7980

Emergency Phone Number:

MSDS Date of Preparation: 01/08/2009

Product Use: Paint for consumer and professional use

SECTION 2: HAZARDS IDENTIFICATION

Liquid with a solvent odor.

EMERGENCY OVERVIEW: WARNING! Flammable liquid and vapor. Keep away from heat, sparks, flames and other sources of ignition. Do not smoke. Turn off stoves, heaters, electric motors and other sources of ignition until all vapors/odors are gone. Causes severe eye irritation. May cause skin irritation. May be harmful if absorbed through the skin. Inhalation of vapors may cause irritation, headache, dizziness and drowsiness. Harmful or fatal if swallowed. Contains toluene which may harm the unborn child.

This product is hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). Category: Flammable, Irritant, Target Organ Effects.

Refer to Section 11 for detailed information on health effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Methyl Ethyl Ketone	78-93-3	15-40
1-Methoxy-2-propyl acetate	108-65-6	10-30
Toluene	108-88-3	10-30
V.M. and P. Naphtha	8032-32-4	10-30
Naphtha	64742-89-8	1-5
n-Heptane	142-82-5	1-5
Methylcyclohexane	108-87-2	1-5
2-Methoxy-1-propyl acetate	70657-70-4	0.1-1

SECTION 4: FIRST AID MEASURES

Eye: Rinse thoroughly with water for at least 15 minutes, holding the eye lids open to be sure the material is washed out. Get immediate medical attention.

Skin: Remove contaminated clothing. Flush area with water for 15 minutes then wash exposed area with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

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Ingestion: If ingestion occurs rinse mouth with a small amount of water. Immediately call local poison control center or go to an emergency department. Aspiration hazard – DO NOT Induce Vomiting. Never give anything by mouth to an unconscious or drowsy person.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Use foam, carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Wear approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

Unusual Fire Hazards: Flammable liquid and vapor. Keep this product away from heat, open flames, sparks or other sources of ignition (i.e. pilot lights, electric motors, static electricity). Invisible vapors can travel along surfaces to a source of ignition and flash back. Do not smoke while using this product or until all vapors have dissipated. Container may rupture or explode in the heat of a fire. Do not apply to hot surfaces. Vapors may form explosive mixtures with air and will collect in low areas.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill: Evacuate the area. Wear appropriate personal protective equipment. Eliminate all sources of ignition. Ventilate area. Collect material into a suitable, clean container for disposal. Report spills and releases as required to appropriate authorities.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Avoid breathing vapors and mists. Use only with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Keep away from heat, sparks, flames and all other sources of ignition (i.e. pilot lights, electric motors, static electricity). Do not smoke while using this product or until all vapors have dissipated. Electrically bond and ground containers when pouring. Avoid free fall of liquid in excess of a few inches. Static electricity can accumulate and cause spark and ignition of solvent vapors.

Storage Store in a cool, well ventilated area at temperatures below 120°F (48.9°C). Do not store in direct sunlight. Store large quantities in buildings designed and protected for storage of NFPA Class IB flammable liquids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Methyl Ethyl Ketone	200 ppm TWA OSHA PEL 200 ppm TWA, 300 ppm STEL ACGIH TLV
1-Methoxy-2-propyl acetate	100 ppm TWAAIHA WEEL
Toluene	200 ppm TWA, 300 ppm Ceiling OSHA PEL 50 ppm TWA skin ACGIH TLV
V.M. and P. Naphtha	300 ppm TWA ACGIH TLV
Naphtha	None Established
n-Heptane	150 ppm TWA OSHA PEL 400 ppm TWA, 500 ppm STEL ACGIH TLV
Methylcyclohexane	500 ppm TWA OSHA PEL 400 ppm TWA ACGIH TLV
2-Methoxy-1-propyl acetate	None Established

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Ventilation: Use only with adequate ventilation. For operations where the occupational exposure limit may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits. Use explosion-proof equipment where required.

Respiratory Protection: For operations where the occupational exposure limit may be exceeded, a NIOSH approved organic vapor respirator or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with OSHA 1910.134, ANSI Z88.2 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Skin Protection: Impervious gloves and protective clothing are recommended for operations which may result in skin contact. Apron and gloves should be constructed of butyl, neoprene or nitrile rubber. No specific permeation/degradation testing has been conducted for protective clothing for this product. Recommendations are based on infrequent contact with the product. For frequent contact or total immersion, contact a manufacturer of protective clothing for appropriate selection information.

Eye Protection: Wear chemical safety goggles and/or faceshield to prevent eye contact.

Other Protective Equipment: Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Liquid with a solvent odor.

pH: Not applicable	Specific Gravity: 0.829
Boiling Point: 172-302°F	Melting Point: Not applicable
Vapor Pressure: 41.4 mmHg	Water Solubility: Partially soluble
Vapor Density: Heavier than air	Evaporation Rate: 346 (BuAc=100)
Flash Point: 23°F (-5°C) pmcc	Flammable Limits: LEL: 1.5% UEL: Not available
Weight per gallon: 6.91 lbs.	Volatiles by volume: 100%

SECTION 10: STABILITY AND REACTIVITY

Stability: **Stable:** X **Unstable:**

Incompatibility/Conditions to Avoid: Avoid strong oxidizing agents, bases and acids. Keep away from heat, sparks, flames and other sources of ignition.

Hazardous Decomposition Products: Combustion will produce carbon dioxide, carbon monoxide, hydrocarbons.

Hazardous Polymerization: **May Occur:** **Will not occur:** X

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause severe irritation with redness, pain and tearing. Corneal damage is possible.

Skin: May cause irritation. May be harmful if absorbed through the skin.

Inhalation: Breathing vapors or mists may cause irritation of the mucous membranes and upper respiratory tract. Excessive overexposure may cause headache, dizziness, drowsiness, depressed respiration and heart rate, heart rhythm irregularities, shortness of breath, unconsciousness or death.

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Ingestion: May be harmful or fatal if swallowed. May cause gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhea. Aspiration into the lungs during swallowing or vomiting may cause serious lung damage which may be fatal.

Chronic Hazards: Prolonged or repeated inhalation of the solvents in this material may result in liver, kidney and permanent brain and nervous system damage. Intentional misuse of this product by concentrating and inhaling vapors may be fatal. Methyl ethyl ketone has been shown to cause toxic effects on the developing fetus in laboratory animals. Toluene has been found to cause adverse fetal effects in laboratory animals and in humans intentionally inhaling toluene. 2-Methoxy-1-propyle acetate has been found to affect reproduction and fetal development in laboratory animals.

Carcinogen Status: None of the components of this product are listed as a carcinogen by IARC, NTP or OSHA.

Medical Conditions Aggravated by Exposure: Persons with pre-existing skin, nervous system, liver, kidney, respiratory and cardiovascular disorders may be at increased risk of exposure.

Acute Toxicity Data:

Methyl Ethyl Ketone: LD50 oral 2.74 g/kg; LD50 skin 13 g/kg

1-Methoxy-2-Propyl Acetate: LD50 oral 8.53 g/kg

Toluene: LD50 oral 5 g/kg, LD50 skin 12.12 g/kg

Methylcyclohexane: LD50 oral 4 g/kg

SECTION 12: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 13: DISPOSAL CONSIDERATIONS
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Waste from this product may be classified as hazardous waste. Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION
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DOT Shipping Description: Paint Related Material, 3, UN1263, II

SECTION 15: REGULATORY INFORMATION

Federal Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). Category: Flammable, Irritant, Target Organ Effects

CERCLA 103 Reportable Quantity: Releases of this product in excess of the reportable quantity of 3330 lbs (based on toluene – 1000 lb RQ) are reportable to the National Response Center. Many states have more stringent reporting requirements. Report spills and other releases as required under federal, state and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health, Chronic Health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements:

Toluene	108-88-3	10-30
Methyl Ethyl Ketone	78-93-3	15-40

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Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm:

INTERNATIONAL REGULATIONS

Canadian WHMIS Classification: Class B2 Flammable Liquid, Class D-2-A (Very Toxic Material causing other toxic effects).

This product has been classified in accordance with the hazard criteria in the CPR and the MSDS contains all the information required by the CPR.

Canadian CEPA Status: All of the components of this product are listed on the Canadian DSL.

NFPA RATING:	Health = 2	Fire = 3	Reactivity = 0
HMIS RATING:	Health = 2*	Fire = 3	Reactivity = 0

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