

# ROLL TAC

## MATERIAL SAFETY DATA SHEET

**MANUFACTURED BY:**

KSR SERVICES, INC.  
4528 S BROADWAY #A  
ST. LOUIS MO 63111

**EMERGENCY TELEPHONE:**

314 481 3325

**SUPPLIED BY:**

KSR SERVICES, INC.  
4528 S BROADWAY #A  
ST. LOUIS MO 63111

REVISED:  
PREPARED BY: B. Utano

1/15/2001

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT IDENTIFICATION: ROLL TAC

CHEMICAL FAMILY: INFORMATION NOT AVAILABLE - TRADE SECRET

**SECTION II - PRODUCT COMPONENTS**

PRODUCT COMPOSITION	APPROX WG%	AGGRI TLV	OSHA PEL	UNITS
MIXTURE:				
A. Aliphatic & Aromatic Hydrocarbons	40-90	100	200	PPM
B. Trade Secret				
C. Trade Secret				

**FORMULATION INFORMATION:**

This product contains toxic aromatic hydrocarbons which are subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1988 and 40CFR Part 372.

**SECTION III - PHYSICAL DATA**
**PRODUCT INFORMATION**

BOILING POINT	: 200 (F) 137.8(C)	%VOLATILE BY VOLUME	: 70
VAPOR PRESSURE (20 C)	: 40 MM HG	EVAPORATION RATE	: 1
VAPOR DENSITY (AIR = 1)	: 20 3.5	(BUTYL ACETATE = 1)	
FREEZING POINT	: -30 (F) -34 (C)	SPECIFIC GRAVITY	: .96
MELTING POINT	: NA (F) NA (C)	(WATER = 1)	
PHYSICAL STATE	: LIQUID	DENSITY	: 964.6 KG/M3
ODOR	: ALIPHATIC	ACID/ALKALINITY	: UNK MEG
COLOR	: CLEAR	pH	: NA
ODOR THRESHOLD	: 1.1 (PPM)		

SOLUBILITY IN WATER (20C): Negligible

SOLUBILITY IN ORGANIC SOLVENT: Soluble in Blends of Aliphatic and Aromatic Hydrocarbons

**SECTION IV - FIRE AND EXPLOSION DATA**

FLASH POINT:	20° (F) -6.7 (C)
FLAMMABLE LIMITS IN AIR (%):	Lower 1.0 Upper 7.0
SENSITIVITY TO STATIC DISCHARGE:	Is expected; material has a flash point below 200° (F)
EXTINGUISHING MEDIA:	Carbon Dioxide, Dry Chemical, Foam, Water Mist
SPECIAL FIREFIGHTING PROCEDURES:	Flammable; wear respiratory protection if in a confined area.

**SECTION V - REACTIVITY DATA**

STABILITY:	X STABLE      * UNSTABLE	HAZARDOUS: Polymerization Will Not Occur
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:		Carbon Monoxide and Dioxide + Various Hydrocarbon Compounds.
INCOMPATIBILITY (MATERIALS TO AVOID):		Contact with Oxidizing Agents.
CONDITIONS TO AVOID:		Keep away from heat, sparks and flame, avoid any source of ignition.

**SECTION VI - HEALTH HAZARD DATA**
**ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:**

Ingestion:	Harmful if swallowed, causes vomiting, nausea and diarrhea
Skin Contact:	Causes moderate skin irritation, causes drying of the skin.
Inhalation:	Excessive inhalation causes headaches, dizziness, nausea and incoordination. Harmful if inhaled.
Eye Contact:	Causes severe eye irritation.
Medical Conditions Aggravated:	Respiratory, Pulmonary Disorders, Liver, Kidney, Central Nervous System Disorders, Gastrointestinal Disorders.
Other:	None known.
Chronic Effects of Overexposure:	Respiratory Ailments, Liver and Kidney Damage.

**ROLL TAC**

**KSR Services, Inc.**  
**4528 S. Broadway, Bldg. A**  
**St. Louis, Mo 63111**

MSDS

**EMERGENCY AND FIRST AID PROCEDURES:**

**INGESTION:** If swallowed do not induce vomiting, give large quantities of water to drink and get medical attention, never give anything by mouth to an unconscious person.

**SKIN:** Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.

**INHALATION:** If inhaled, remove to fresh air, if not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. Move person to fresh air.

**EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**NOTE TO PHYSICIAN:**

NONE KNOWN

**TOXICITY:** Aliphatic & Aromatic Hydrocarbons

ACUTE ORAL LD50:	4300 (RAT)	MG/KG
ACUTE DERMAL LD50:	5000 (RBT)	MG/KG
ACUTE INHALATION LC50:	5000 PPM 4HR (RAT)	
OTHER:	NONE	
AMES TEST:	UNKNOWN	

**PRINCIPAL ROUTES OF EXPOSURE:** Oral, Dermal (skin), Eyes, Inhalation. This product or one of its ingredients present 0.1% or more is not listed as a carcinogen or suspected carcinogen BT NTP, IARC or OSHA.

**SECTION VII — SPECIAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** Use in a well ventilated area, use approved Niosh respiratory protection if TLV exceeded; or over exposure is likely.

**PROTECTIVE GLOVES:** Rubber Gloves

**EYE AND FACE PROTECTION:** Safety Glasses, Monogoggles

**OTHER PROTECTIVE EQUIPMENT:** Rubber Apron

**VENTILATION:** Use only in well ventilated area, mechanical ventilation

**SECTION VIII — SPILL, LEAK AND DISPOSAL PROCEDURES**

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the Protective Equipment Section. Remove sources of ignition and increase area ventilation.

**DISPOSAL METHOD:** Disposal should be made in accordance with federal, state and local regulations. Incineration Recommended in Approved Incinerator According to Federal, State and Local Regulations.

**SECTION IX — SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Store upright in a cool place below 30°C (85°F). Keep container closed when not in use. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Use only in a well ventilated area. Do not inhale vapors.

**WARNING! FLAMMABLE**

**ENGINEERING CONTROLS:** Exhaust ventilation, showers, eyewash stations, use in a well ventilated area.

**SECTION X — SHIPPING AND REGULATORY CLASSIFICATION DATA**

DOT SHIPPING NAME:	Resin Solution (Contains Aliphatic & Aromatic Hydrocarbons)
DOT HAZARD CLASS:	Flammable Liquid
DOT LABEL (S):	Flammable Liquid
UN/NA NUMBER:	UN1866
PLACARDS:	Flammable
EPA HAZARD WASTE:	D001, Ignitable
SARA HAZARD CLASS:	To Be Determined
WHMIS HAZARD CLASS:	B2 Flammable Liquids O2B Toxic Materials
TRANSPORTATION CLASS:	3.3 Flammable RID (OCT) Flammable ADR (ECE) 3.2301, 1A Flammable RAR (ATA) Flammable
NFPA/HMIS CLASSIFICATION:	Flammability 3, Reactivity 0, Health 2

**ECCN:**

**ADDITIONAL INFORMATION:** This product or its components are on the European inventory of existing commercial chemicals (EINECS). This information is believed to be accurate and is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.