

**MATERIAL SAFETY DATA SHEET**

**MANUFACTURED BY:**

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**SUPPLIED BY:**

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REVISED: 7/17/92  
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**SECTION I — PRODUCT IDENTIFICATION**

PRODUCT IDENTIFICATION: ROLL TAC  
CHEMICAL FAMILY: INFORMATION NOT AVAILABLE — TRADE SECRET

**SECTION II — PRODUCT COMPONENTS**

PRODUCT COMPOSITION	APPROX WGT%	ACGIH TLV	OSHA PEL	UNITS
MIXTURE:				PPM
A. Aliphatic & Aromatic Hydrocarbons	40-90	100	200	
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 1986 and 40CFR Part 372.

**SECTION III — PHYSICAL DATA**

<b>PRODUCT INFORMATION</b>				
BOILING POINT	: 200 (F) 137.8(C)		%VOLATILE BY VOLUME	: 70
VAPOR PRESSURE (20 C)	: 40 MM HG		EVAPORATION RATE (BUTYL ACETATE = 1)	: 1
VAPOR DENSITY (AIR = 1)	: 20 3.5		SPECIFIC GRAVITY (WATER = 1)	: .86
FREEZING POINT	: -30 (F) -34 (C)		DENSITY	: 984.6 KG/M3
MELTING POINT	: NA (F) NA (C)		ACID/ALKALINITY	: UNK MEG
PHYSICAL STATE	: LIQUID		pH	: NA
ODOR	: ALIPHATIC			
COLOR	: CLEAR			
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) — 8.7 (C)  
 FLAMMABLE LIMITS IN AIR (%): Lower 1.0 Upper 7.0  
 SENSITIVITY TO STATIC DISCHARGE: Is expanded; 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 DECOMPOSITION/COMBUSTION PRODUCTS: HAZARDOUS: Polymerization Will Not Occur  
 INCOMPATIBILITY (MATERIALS TO AVOID): Carbon Monoxide and Dioxide + Various Hydrocarbon Compounds.  
 CONDITIONS TO AVOID: Contact with Oxidizing Agents.  
 Keep away from heat, sparks and flame, avoid any source of ignition.

**SECTION VI — HEALTH HAZARD DATA**

AGUTE 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 headache, 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.

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**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 laundry 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:	6000 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:	UN1865
PLACARDS:	Flammable
EPA HAZARD WASTE:	D001, Ignitable
SARA HAZARD CLASS:	To Be Determined
WHMIS HAZARD CLASS:	B2 Flammable Liquids D2B Toxic Materials
TRANSPORTATION CLASS:	3.3 Flammable RID (OCTI) 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 context of the intended use.