

MATERIAL SAFETY DATA SHEET

MSDS Name: KINGCO 15-304 AEROSOL SUBASSEMBLY  
MSDS Number: 15-304

MSDS Last Updated: NOV-13-2002 Printed On: 01/02/03  
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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: KINGCO 15-304 AEROSOL SUBASSEMBLY  
CAS Number: MIXTURE  
Hazard Rating: Health: 1 Fire: 3 Reactivity: 0 PPI: G

Company Identification: ITW TACC  
AIR STATION INDUSTRIAL PARK  
ROCKLAND MA 02370

Telephone/Fax: (781) 878-7015 (781) 871-6727  
Chemtrec (24 Hour): (800) 424-9300

Trade Name: KINGCO 15-304  
Product Code: 15-304  
DOT Hazard Class: 3  
UN Number: 1133  
Shipping Name: ADHESIVES  
Packing Group: II

SECTION II - HAZARDOUS INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
LIGHT ALIPHATIC NAPHTHA	64742-89-8	15-40	Y
HEXANE	110-54-3	10-30	Y
TOLUENE	108-88-3	3-7	Y
CYCLOHEXANE	110-82-7	1-5	Y

SECTION III - PHYSICAL DATA

Appearance/Color: MILKY WHITE  
Boiling Range: 156.øF  
Evaporation Rate: Faster than n-Butyl Acetate  
% Volatile Weight: 72.%

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% Volatile Volume: Not Available  
Specific Gravity: 0.75993  
Weight/Volume Measure: 6.32795  
EPA Method 24 VOC: 547.0 g/L

Photo Chem Reactive Only VOC: 547.

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SECTION IV - FIRE AND EXPLOSION HAZARD DANGER  
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Flammability Class: IB  
Flash Range: 0 F  
Tag Closed Cup  
Explosive Range: 0.9%  
7.5%

EXTINGUISHING MEDIA:

Use NFPA Class B fire extinguishers (carbon dioxide, all purpose dry chemical or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires.

SPECIAL FIREFIGHTING PROCEDURES:

Firefighters should wear self-contained breathing apparatus. Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

UNUSUAL FIRE & EXPLOSION HAZARDS:

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

DANGER! EXTREMELY FLAMMABLE. VAPORS MAY CAUSE FLASH FIRE.

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SECTION V - HEALTH HAZARD DATA  
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PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII.

EFFECTS OF OVEREXPOSURE:

INGESTION: Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

INHALATION: May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

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EYES: May cause severe eye irritation and corneal damage.  
SKIN: May cause dermatitis. May cause defatting and irritation of the skin.  
FIRST AID:  
INGESTION: If swallowed do not induce vomiting. Call poison control center, hospital emergency room or physician immediately  
INHALATION: Remove to fresh air immediately. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention.  
EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.  
SKIN: Remove contaminated clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists  
NOTE TO PHYSICIAN: Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

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SECTION VI - REACTIVITY DATA  
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Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:  
Strong acids or alkaline materials.  
CONDITIONS TO AVOID:  
Excessive heat and sources of ignition.  
HAZARDOUS DECOMPOSITION PRODUCTS:  
Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

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SECTION VII - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Keep spectators away. Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

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WASTE DISPOSAL METHOD:  
Dispose in accordance with federal, state and local regulations.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION  
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Occupational Exposure Limits:

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
LIGHT ALIPHATIC NAPHTHA	100.00 PPM	N/est	N/est	N/est	500.00 PPM
HEXANE	400.00 PPM	N/est	500.00 PPM	N/est	500.00 PPM
TOLUENE	50.00 PPM	N/est	N/est	N/est	200.00 PPM
CYCLOHEXANE	200.00 PPM	N/est	N/est	N/est	200.00 PPM

RESPIRATORY PROTECTION:

If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator must be used in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL.

PROTECTIVE GLOVES:

Chemical resistant gloves.

EYE PROTECTION:

Chemical splash goggles (ANSI Z-87.1 or approved equivalent).

OTHER PROTECTIVE EQUIPMENT:

Not likely to be needed.

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SECTION IX - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store above 115 degrees F (46 degrees C). Store large quantities in compliance with OSHA regulations

OTHER PRECAUTIONS:

For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking.

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Do not breathe fumes. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Close all containers when not in use. Empty containers must not be washed and re-used for any purpose. Contact lens wearers take appropriate precautions. Wash hands thoroughly after handling.

For spray applications, use only with approved spray equipment.

For flammable products, vapors may cause flash fire or ignite explosively. To prevent buildup of vapors, use adequate ventilations (e.g. open all windows and doors to achieve cross-ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container.

SECTION X - ADDITIONAL REGULATORY INFORMATION

-SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
HEXANE	110-54-3	10-30
TOLUENE	108-88-3	3-7
CYCLOHEXANE	110-82-7	1-5

-PROP 65 (TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Ingredient Name	CAS Number	Percent
TOLUENE	108-88-3	3-7

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
HEXANE	110-54-3	10-30
CYCLOHEXANE	110-82-7	1-5

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DISCLAIMER  
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\*\*\*\*\* NOTICE \*\*\*\*\*

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