

W-7868-Q7
W 7868-16
W 7868-56

MATERIAL SAFETY DATA SHEET

FOR COATINGS RESINS AND RELATED MATERIALS

PRODUCT NAME: Randolph W-7868 Non-Tautening Nitrate (Blue)
PRODUCT CODE:
Class 3 Flammable Liquid, UN1263, PGI

HMS CODES: H-2 F-3 R-0 P
PRODUCT CLASS: 3 (Nitrate Dope)

SECTION I - MANUFACTURER IDENTIFICATION

PREPARED BY: Consolidated Aircraft Coatings
P.O. Box 3129, Riverside, CA 92519
STREET ADDRESS: 4343 Fort Drive, Riverside, CA 92509
EMERGENCY TELEPHONE NO. - Chemtrec (800) 424-9300, Int'l (703) 527-3887 (International Call Collect)
INFORMATION TELEPHONE NO. - (951) 684-4280 (951) 809-7144 (760) 782-1947

DATE OF PREP: 9/15/08
NAME OF PREPARER: Greg Albarian

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS			WT. %	VAPOR	TOXICITY DATA
	ACGIH-TLV	EXPOSURE LIMITS	ACGIH-TLV		PRESSURE	
Acetone* (CAS# 67-64-1)	750 PPM	750 PPM	5.19	181mmHg @68°F	Moderate	
Ethyl Acetate* (CAS# 141-78-6)	400 PPM	400 PPM	18.24	73mmHg @68°F	Mod. Inhalation	
Methyl Ethyl Ketone*(CAS# 78-93-3)	200 PPM	200 PPM	5.29	77.50mmHg @68°F	Narcotic by inhalation	
N-Butyl Acetate* (CAS# 123-86-4)	150 PPM	150 PPM	7.58	10mmHg @68°F	Mod. Skin irritant	
Isopropanol* (CAS# 67-63-0)	400 PPM	400 PPM	8.16	33mmHg @68°F	Mod. Ingest, inhal.	
Toluene* (CAS# 108-88-3)**	100 PPM*S	50 PPM	41.58	54mmHg @68°F	Mod. Ingest. Inhal. skin	
Cellulose Nitrate* (CAS# 9004-70-0)	N/E	N/E	9.80	.99mmHg @68°F		

*This material is subject to the reporting requirements of section 313 of the Emergency Planning and the Community Right-To-Know Acts of 1986 and of 40 CFR 372.

**PROP 65 WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION III - PHYSICAL DATA

BOILING RANGE: 133-252° F
VAPOR DENSITY: Heavier than air
COATING V.O.C.: 6.58 lb/gal 788.56 gr/l
MATERIAL V.O.C.: 5.55 lb/gal 665.12 gr/l
APPEARANCE AND ODOR: Clear liquid. Ketone odor.

SPECIFIC GRAVITY (H₂O= 1): .89
EVAPORATION RATE: Slower than ether
SOLUBILITY IN WATER: Insoluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 1.4° F (-17° C)
FLAMMABLE LIMITS IN AIR BY VOLUME:
EXTINGUISHING MEDIA: Alcohol foam, CO₂, Dry Chemical
SPECIAL FIREFIGHTING PROCEDURES: Isolate from heat, sparks, electrical equipment and open flame. Water is not usually effective in fighting liquid fires. Do not enter a confined area without full bunker gear including a positive-pressure NIOSH-approved self-contained breathing apparatus. Decomposition products may form toxic materials.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Water spray may be used to cool closed containers to help prevent explosion when exposed to extreme heat. Never use welding or cutting torch on or near drum (even empty) because residue or product can ignite explosively. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, flames and other ignition sources at locations distant from the material handling point. Flammable material.

METHOD USED: TCC
LOWER: 1.0 UPPER: N/A

SECTION V - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Irritating to eyes, skin, nose and throat. Headache, dizziness and nausea can result from inhalation. Repeated or prolonged skin contact may result in dryness possibly leading to dermatitis. Central nervous system effects including excitation, euphoria, contracted eye pupil dizziness, blurred vision, fatigue, nausea, headache, loss of consciousness, respiratory arrest and sudden death could occur of long term and/or high concentration exposures vapors.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Contact with the skin or eyes may cause irritation. Prolonged or repeated contact can cause moderate irritation, defatting and/or dermatitis. Skin and eyes should be flushed with water for at least 15 minutes.
INGESTION HEALTH RISK AND SYMPTOMS OF EXPOSURE: Toxic if ingested. Toluene may affect liver, kidneys or blood. MEK has caused cancer in certain animal tests. Preexisting eye, skin, heart, central nervous system and respiratory disorders may be aggravated by exposure to this product.

HEALTH HAZARDS (ACUTE AND CHRONIC): Overexposure may cause anesthesia, headache, nausea or dizziness, permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this product may be harmful or fatal. Breathing the vapors may irritate the nose and throat. Detectable amounts of chemicals or substances known to the state of California to cause cancer, birth defects, or other reproductive harm may be found in this product. Use care when handling chemical and petroleum products even though they are water reducible.

CARCINOGENICITY: NTP CARCINOGEN: N/A **IARC MONOGRAPHS:** N/A **OSHA REGULATED:** N/A **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT:** Pre-existing skin disorders, chronic respiratory disease.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove victim to fresh air and restore breathing if required. Consult physician.
Splash (Eye): Flush with water for at least 15 minutes. Consult physician.
Splash (Skin): Wash with soap and water. Remove contaminated clothing. Consult physician if irritation persists.
Ingestion: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs. Consult physician or poison control center immediately.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None reasonably foreseeable.

INCOMPATIBILITY (MATERIALS TO AVOID): If product contains aluminum, do not contaminate with acids, caustics, chlorinated hydrocarbons or oxidizers as these materials will react with aluminum to produce hydrogen and heat. Incompatible with strong alkalines or strong oxidizers. This material may dissolve some plastics, rubber compounds or coatings. May react strongly with acids while in liquid form.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Mostly CO₂ with some CO.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all spark sources, flames and hot surfaces. Maintain adequate ventilation. Avoid breathing vapors. Add absorbent to spill area. Recover free liquid. Keep chemical products out of streams and waterways. Flush with water to a tank or to an opened well-ventilated area. Absorb or remove to container and dispose of properly in conformity with local government restrictions.

WASTE DISPOSAL METHOD: Incinerate if permitted or bury in a sanitary landfill. Consult a disposal expert. Dispose of in accordance with all local, state and federal laws. For highway or road spill, contact Chemtrec at (800) 424-9300.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid storage in high temperature areas or near fire or open flame. Store in tightly closed containers in cool, dry, isolated, well-ventilated area away from heat or flame, sources of ignition and incompatible materials. Transfer small amounts left over into small containers. Ground lines, containers and other equipment during product transfer. Do not store in glass containers due to the danger of breaking. Do not pour into containers that held highly flammable materials, static electricity may result. Use good hygiene practices. Wash hands before eating, drinking, etc.

OTHER PRECAUTIONS: Avoid contact with eyes and prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not ingest. Keep containers tightly closed. Replace all bungs tightly before shipping or storing. Avoid contact with amines.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits, use a NIOSH/MSHA-approved respirator to prevent overexposure. In accordance with 29 CFR 1910.134, use air-purifying and particle-collecting respirator.

VENTILATION: Use explosion-proof ventilation as required to control particulate and any minor vapor concentrations, and keep the air contaminate concentration below current OSHA Permissible Exposure Limit (PEL) or ACGIH's Threshold Limit Value (TLV). A spray booth is recommended.

PROTECTIVE GLOVES: Use rubber or neoprene gloves. Use gloves that will resist the product and prevent skin contact.

EYE PROTECTION: Chemical safety goggles or glasses with side shields or face shields to prevent eye splashes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Avoid contact with eyes. Wear eye protection devices. If required, wear chemical resistant gloves and other clothing. Remove and wash contaminated clothing before re-use.

WORK/ HYGIENIC PRACTICES: Wash hands with soap and water before eating, smoking or using toilet facilities. Dispose of contaminated clothing as soon as possible.

SECTION IX - DISCLAIMER

Above information is based on data supplied to us and is believed to be correct. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since the data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. It is the user's obligation to determine the safe use of it.