

01027-1017

M A T E R I A L   S A F E T Y   D A T A   S H E E T

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : AQUATHANE UV ABSORB FLAT  
 IDENTIFICATION NUMBER: AQUVFL  
 PRODUCT USE/CLASS :  
 DATE PRINTED: 07/30/10

SUPPLIER:  
 T. J. Ronan Paint Corporation  
 749 East 135th St.  
 Bronx, NY 10454

MANUFACTURER:  
 T. J. Ronan Paint Corporation  
 749 East 135th St.  
 Bronx, NY 10454

CHEMTREC: (800) 424-9300  
 24 HOUR EMERGENCY HOTLINE

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PREPARER: JD, PHONE: 718-292-1100, PREPARE DATE: 07/30/10

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT		OCCUPATIONAL EXPOSURE LIMITS				SKIN
		IS LESS THAN	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING		
N-METHYL-2-PYRROLIDONE	872-50-4	10.0 %	N.E.	N.E.	N.E.	N.E.	N.E.	NO
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	10.0 %	35ppm	NO INFO	35ppm			NO
TRIETHYLAMINE	121-44-9	5.0 %	10 ppm	15 ppm	25 ppm		N.E.	NO

(See Section 11 for abbreviation legend)

SECTION III - PHYSICAL DATA

BOILING RANGE : 212 - 453 F  
 ODOR : LOW  
 APPEARANCE : CLEAR LIQUID  
 SOLUBILITY IN H2O : WATER SOLUBLE  
 VOLATILE BY WEIGHT: 62.6%  
 VOCS, lbs/gal : 2.67  
 VAPOR DENSITY : Is heavier than air  
 SPECIFIC GRAVITY: 1.0545  
 EVAPORATION RATE: Is slower than Ether  
 VOLATILE BY VOL.: 67.7%  
 VOCS, grams/ltr : 319

(See Section XI for abbreviation legend)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N.A.  
 LOWER EXPLOSIVE LIMIT: 0.9 %  
 UPPER EXPLOSIVE LIMIT: 24.6 %

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL CAN SPLATTER ABOVE 100C/212F.  
 POLYMER FILM CAN BURN.

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

SPECIAL FIREFIGHTING PROCEDURES: DO NOT BREATHE FUMES. WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE DEMAND, MSHA/NOISH-APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. WATER MAY SPREAD FIRE. WATER SPRAY SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE.

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: INHALATION: VAPOR OR SPRAY MIST CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION OF THE NOSE, THROAT AND LUNGS. SKIN CONTACT: REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION AND DERMITITIS. EYES: LIQUID CONTACT RESULTS IN IRRITATION. MAY CAUSE TEMPORARY CORNEAL CLOUDING. INGESTION: MAY BE HARMFUL IF SWALLOWED.

MEDICAL CONDITIONS PRONE TO AGGRAVATION: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION: MOVE SUBJECT TO FRESH AIR. EYE CONTACT: FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE SATURATED CLOTHING. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDRY SATURATED CLOTHING AND CLEAN SHOES BEFORE REUSE. INGESTION: DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 3 - 4 GLASSES OF MILK OR WATER AND SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION  
INGESTION EYE CONTACT

## SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: MAY PRODUCE TOXIC FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE AND/OR CARBON DIOXIDE. DECOMPOSITION IS DEPENDENT ON TIME AND TEMPERATURE.

CONDITIONS TO AVOID: ONSET OF DECOMPOSITION IS 177C/350F.

INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: LARGE SPILLS: KEEP SPECTATORS AWAY. FLOOR MAY BE SLIPPERY: USE CARE TO AVOID FALLING. DIKE AND CONTAIN SPILL WITH INERT MATERIAL (E.G SAND, EARTH). SMALL SPILLS: TAKE UP WITH AN ABSORBENT MATERIAL AND SEAL TIGHTLY FOR PROPER DISPOSAL. TRANSFER LIQUID TO CONTAINERS FOR RECOVERY OR DISPOSAL AND SOLID

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SECTION VII - SPILL OR LEAK PROCEDURES

DIKING MATERIAL TO SEPARATE CONTAINERS FOR DISPOSAL. KEEP SPILLS AND CLEANING RUNOFFS OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHOD: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE. WEAR RESPIRATOR TO AVOID BREATHING SPRAY MIST, HEATED VAPORS OR FUMES OR IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SECTION II). USE A NIOSH - APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

VENTILATION: PROVIDE NATURAL OR LOCAL EXPLOSION PROOF VENTILATION ADEQUATE TO ENSURE CONCENTRATIONS ARE KEPT BELOW EXPOSURE LIMITS.

PROTECTIVE GLOVES: WEAR IMPERVIOUS CHEMICAL RESISTANT GLOVES.

EYE PROTECTION: WEAR CHEMICAL RESISTANT GOGGLES TO PREVENT EYE CONTACT.

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT. EYE WASH STATION SHOULD BE AVAILABLE.

HYGIENIC PRACTICES: WASH WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID CONTACT WITH VAPORS AND FUMES. USE ONLY IN WELL VENTILATED AREA. AVOID CONTACT WITH EYES SKIN AND CLOTHING. STORAGE TEMPERATURE MAXIMUM 90 DEG.F; MINIMUM 40 DEG.F. KEEP FROM FREEZING. STORE AWAY FROM SPARKS AND FLAMES. DO NOT BREATHE SPRAY MIST.

OTHER PRECAUTIONS: WHEN USING, DO NOT EAT, DRINK OR SMOKE.

SECTION X - HMIS RATINGS

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

SECTION XI - OTHER REGULATIONS

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## SECTION XI - OTHER REGULATIONS

## SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT %	IS LESS THAN
N-METHYL-2-PYRROLIDONE	872-50-4		10.0 %
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5		10.0 %
TRIETHYLAMINE	121-44-8		5.0 %

PREVIOUS MSDS REVISION DATE: 02/23/09

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

The information contained on this MSDS is to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

&lt;END OF MSDS&gt;