

, RESINS AND RELATED MATERIALS

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CUSTOMER: SUNSEEKER ENTERPRISES

PREPARATION DATE:

06-May-15

LOT #

SAMPLE

SECTION I - PRODUCT IDENTIFICATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

PRODUCT NAME:	ECI557	HEALTH=	2
PRODUCT CODE :	FLAMEPROOF, CLEAR	FIRE=	3
C.A.S. NUMBER:	MIXTURE	REACTIVE =	0
		PERSONAL	
		PROTECTION =	H

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	C.A.S. NUMBER	WEIGHT PERCENT	EXPOSURE LIMITS TLV/PEL	VAPOR PRESSURE mmHg @ TEMP.
*TOLUENE	108-88-3	0.96%	100/150 PPM	22.00 @ 68 DEG. F
ACETONE SOLVENT	67-64-1	35.02%	750/1000 PPM (1)	181.70 @ 68 DEG. F.
MINERAL SPIRITS	8052-41-3	1.00%	50/50 PPM	2.00 @ 68 DEG. F.
*XYLENE	1330-20-7	24.63%	100/150 PPM	5.10 @ 68 DEG F.
*NORMAL BUTANOL	71-36-3	1.64%	50/50 PPM	4.40 @ 68 DEG. F
BENZENE, 1-CHLORO-4-(TRIFLUOROMETHYL)-	98-56-6	5.95%	N/E	N/E

VM& P NAPHTHA CONTAINS LESS OF 8% OF XYLENE CAS# 1330-20-7 WHICH HAVE A PEL/TLV OF 100 PPM. STEL OF 150 PPM AND LES S THAN 2% OF ETHYL BENZENE CAS# 100-41-4, WHICH HAS A PEL/TLV OF 100 PPM STEL OF 125 PPM .

OSHA SHORT TERM EXPOSURE LIMIT STEL FOR V&P NAPHTHA IS 400 PPM

NOTE (1) OSHA/ACGIH SHORT TERM EXPOSURE LIMIT (STEEL) FOR ACETONE IS 1000 PPM. NIOSH RECOMMENDS A LIMIT OF 250 PPM 8-HRS. TWA

(\*) HE REPORTING REQUIREMENTS OF SECTION 313 TITLE III AND CFR 372

SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY:	0.94	BOILING RANGE:	300-350 DEGREE'S F.
V.O.C. INCLUDING EXEMPT SOLVENT LB/GLS	5.40	VAPOR DENSITY:	HEAVIER THAN AIR.
V.O.C. EXCLUDING EXEMPT SOLVENT LB/GLS	5.40	VAPORATION RATE:	SLOWER THAN ETHER.
V.O.C. INCLUDING EXEMPT SOLVENT GRS/L	647.19	% VOLATILE BY VOLUME:	73.08%
V.O.C. EXCLUDING EXEMPT SOLVENT GRS/L	647.19	% VOLATILE BY WEIGHT:	68.87%
APPEARANCE & ODOR:	PAINT COATING LIQUID	WEIGHT PER GALLON:	7.84

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:	FLAMMABLE LIQUID - CLASS 1B
FLASH POINT:	36 DEGREE'S F. PMCC
LEL:	0.50%
UEL:	6.50%

EXTINGUISHING MEDIA:

Based on the NFPA guide, use dry chemical, alcohol foam, carbon dioxide, or other extinguishing agent suitable for class B fires. Use water to cool containers exposed to fire. For large fires, use water spray or fog, thoroughly drenching the burning material.

SPECIAL FIREFIGHTING PROCEDURES:

Keep unnecessary people away, insulate area. stay upwind, wear self- contained breathing apparatus. Use emergency response guidelines (DOT P5800.4 GUIDE 26)

UNUSUAL FIRE & EXPLOSION HAZARDS:

Exposure to heat will produce irritating vapors. Insulate from heat, electrical equipment, sparks & open flame. Closed containers may explode when subject to high heat . Dense smoke & toxic fumes will result during combustion creating a health hazard.

SECTION V - HEALTH HAZARDS AND PERSONAL PROTECTION INFORMATION

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**FIRST AID:**

**EYES:** Immediate flush for at least 15 minutes, while holding eyelids open. Call a physician at once.

**SKIN:** Immediate flush with water for at least 15 minutes  
For a large splash flood body under a shower. Call a physician at once

**INGESTION:** Do not induce vomitig. Give water. Call a physician at once

**INHALATION:** Remove to fresh air . Treat symptoms. Call a physician at once

**TOXICOLOGY INFORMATION:**

**ACUTE TOXICITY STUDIES:** No toxicity studies have been conducted on this product

**PRIMARY ROUTE(S) OF EXPOSURE**

**EYE CONTACT:** Can cause irritation.

**SKIN CONTACT:** Can cause irritation.

**INHALATION:** Not a problem, except at high temperatures.

**SYMPTOMS OF EXPOSURE:**

**ACUTE:** Unusual use practices and/or poor ventilation can cause irritation of eyes and respiratory tract.

**AGGRAVATION OF EXISTING CONDITIONS:**

A review of available data does not identify any worsening of existing conditions not elsewhere in this MSDS

**RESPIRATORY PROTECTION:**

If it is possible to generate significant levels of vapor or mists, a NIOSH approved or equivalent respirator is recommended.

**VENTILATION:**

General ventilation is recommended. Additional local exhaust ventilation is recommended where vapors, mists or aerosols may be released.

**PROTECTIVE EQUIPMENT:**

Wear impervious gloves, apron, & splash goggles where exposure is possible. Launder contaminated clothing before reuse.

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SECTION VI - REACTIVITY DATA

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**STABILITY:**

STABLE

**CONDITIONS TO AVOID:**

HI TEMPERATURES, OPEN FLAME

**INCOMPATIBILITY:**

STRONG OXIDIZERS

**HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR.

**HAZARDOUS DECOMPOSITION PRODUCTS:** BURNING MAY PRODUCE IRRITATING, TOXIC METAL FUME. HYDROGEN CHLORIDE, CARBON MONOXIDES, NITROGEN'S AND SULFURS.

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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:**

REMOVE SOURCES OF IGNITION, COVER WITH INERT ABSORBENT MATERIAL AND REMOVE TO DISPOSAL CONTAINER. OBEY ALL FEDERAL, STATE AND LOCAL LAWS.

THIS IS A RCA HAZARDOUS WASTE PER TITLE 40 CFR 261, CLASSIFIED AS D001

**WASTE DISPOSAL METHODS:**

OBEY REVELANT FEDERAL, STATE AND LOCAL LAWS. DO NOT CONTAMINATE ANY LAKES STREAMS, PONDS OR UNDERGROUND WATER SUPPLIES.

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SECTION VIII - SAFE HANDLING AND USE INFORMATION

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**RESPIRATION PROTECTION:**

USE NIOSH APPROVED ORGANIC VAPOR RESPIRATORY EQUIPMENT WHEN TLV IS EXCEEDED.

**VENTILATION:**

LOCAL EXHAUST RECOMMENDED.

MECHANICAL EXHAUST RECOMMENDED.

**PROTECTIVE GLOVES:**

IMPERMEABLE GLOVES TO MINIMIZE SKIN CONTACT.

**EYE PROTECTION:**

CHEMICAL SPLASH GOGGLES OR FACE SHIELD.

**OTHER PROTECTIVE EQUIPMENT:**

EYE WASH FOUNTAIN, SAFETY SHOWER.

**HYGIENE PRACTICES:**

WASH CONTAMINATED CLOTHES BEFORE REUSE.

## SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

CAUTION OSHA CLASS FLAMMABLE LIQUID, VAPORS ARE HEAVIER THAN AIR AND TEND TO ACCUMULATE IN LOW LAYING AREAS SUCH AS SINKS, SUMPS AND ALONG FLOORS. USE WITH ADEQUATE EXPLOSION PROOF VENTILATION. ISOLATE FROM SOURCES OF HEAT, SPARKS OR FLAMES. EXTINGUISH ALL SOURCES OF IGNITION, INCLUDE REMOTE PILOTS AND LIGHTS. MAYBE HARMFUL IF SWALLOWED OR INHALED

**OTHER PRECAUTIONS:**

AVOID PERSONAL CONTACT, KEEP OUT OF REACH OF CHILDREN, WASH HANDS BEFORE EATING OR SMOKING.  
DO NOT PUNCTURE, DROP OR SLIDE CONTAINER. KEEP CONTAINER CLOSED.

## SECTION X REGULATORY INFORMATION

**FEDERAL REGULATIONS:** See Section II for hazardous ingredients as defined by OSHA Hazardous communication rule, 29 CFR 1910, 1920

**SARA TITLE II 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:

CHEMICAL NAME	CAS #	PERCENT BY WEIGHT
*XYLENE	1330-20-7	24.63%
*TOLUENE	108-88-3	0.96%
*NORMAL BUTANOL	71-36-3	1.64%

**TOXIC SUBSTANCES CONTROL ACT (TSCA)**

All compounds in this product are listed, or are excluded from listing, on the U.S. Toxic Substances control act (TSCA) 8(B) inventory

**FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40CFR401.15:**

None of the ingredients in this product are specifically listed.

**CLEAN ACT, 40CFR 60, SECTION 111, 40 CFR 61, SECTION 112:**

None of the ingredients in this product are specifically listed.

**CONEG-COALITION OF NORTHWEST GOVERNORS:**

This product contains none of the constituent heavy metals regulated by CONEG (ie. total cadmium, chromium, lead & mercury).

**TRANSPORTATION 49, CFR 172-101**

CLASS 3 (FLAMMABLE LIQUIDS), II

**D.O.T. PROPER SHIPPING NAME:**

PAINT, 3, UN1263, PGII

**CLEAN AIR AMMEDMENTS OF 1990**

This product contains no ozone depleting substances (ODS)

**PROP. 65**

TOLUENE, EXANE, GLYCOL ETHER E.B., ETHYL ALCOHOL  
ETHYLBENZENE, XYLENE

**HMIS LABEL STATEMENT:**

SP-115I-D  
HEALTH -2      FLAMMABILITY -3      REACTIVE-0  
FOR INDUSTRIAL USE ONLY BEFORE HANDLING OR USING,  
READ THE MSDS FOR THIS PRODUCT  
CAUTION: MAY CAUSE IRRITATION, REPEATED OR PROLONGED CONTACT MAY CAUSE SKIN IRRITATION  
FIRST AID: EYES FLASH FOR 15 MINUTES . SKIN WASH WITH SOAP AND WATER  
INGESTION: GIVE WATER; DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

**DISCLAIMER:**

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