MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HAWAIIAN HUES HMIS CODES: H F R P
PRODUCT CODE: Mango Orange (HH-03)

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURED FOR : ALSA CORPORATION
1213 E. 58th Place
Los Angeles, CA 90001
Tel: 323-581-5200 Fax: 323-589-4400 alsacorp.com

Infotrac Chemical Emergency Response: 800-535-5053/352-323-3500 DATE: January 1, 2012

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

NAMES	CAS NUMBER	EINECS-No	CONC
N-Butyl Acetate	123-86-4	204-658-1	25-50
Xylene(mixture of isomers)	1330-20-7	215-535-7	2.5-10
2-Methoxy-1-methyl ethyl acetate	108-65-6	203-603-9	2.5-10
N-Butanol	71-36-3	200-751-6	2.5-10
Acetone	67-64-1	200-662-2	2.5-10
Resin	Non hazardous	Non hazardous	10-25
Ethyl Benzene	100-41-4	202-849-4	1-2
Pigment	Non hazardous	Non hazardous	5-15
Toluene	108-88-3	203-625-9	5-15

SECTION III – HAZARDS IDENTIFICATION OF THE PREPARATION
Danger classification : Xn

11 Highly Flammable
66 Repeated exposure may cause skin dryness or cracking.
67 Vapors may cause drowsiness and dizziness.

SECTION IV – FIRST AID MEASURES
General:
In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation:
Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye contact:
Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
Skin contact:
Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion:
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

SECTION V – FIRE-FIGHTING MEASURES
Extinguishing media: recommended: alcohol resistant foam, CO_2, powders, water spray
Not to be used: water jet

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not allow to run-off from fire fighting to enter drains or water courses.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses.
Clean preferably with a detergent; avoid use of solvents.
If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

SECTION VII – HANDLING AND STORAGE
Handling:
Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.

In addition the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Smoking, eating and drinking should be prohibited in application area.
For personal protection see Section 8.

Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws.

Storage:
Although the storage and use of this product is not subject to specific statutory requirements, observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety at Work Act.

Observe label precautions. Store between 10 and 25℃ in a dry, well ventilated place away from sources of heat and direct sunlight.

Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Measures
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory must be worn.

Exposure Limits
Occupational exposure limit for :

Names	CAS Number	EINECS-No	STEL	LTEL
N-Butyl Acetate	123-86-4	204-658-1	200ppm	150ppm
Xylene(mixture of isomers)	1330-20-7	215-535-7	150ppm	100ppm
2-Methoxy-1-methyl ethyl acetate	108-65-6	203-603-9	100ppm	50ppm
N-Butanol	71-36-3	200-751-6	50ppm	20ppm
Acetone	67-64-1	200-662-2	1000ppm	750ppm
Ethyl Benzene	100-41-4	202-849-4	125ppm	100ppm
Toluene	108-88-3	203-625-9	150ppm	100ppm

Personal Protection
Respiratory protection:
If workers are exposed to concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection:
For prolonged or repeated handling, use barrier creams, as they may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred.

Eye protection:
Use safety eyewear designed to protect against splash of liquids.

Skin protection:
Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: viscous		Method:
Flash point	: -4° F	D	IN 53213
Specific gravity	: 0.94		
Vapor density	: Heavier than air		
Lower explosion limit	: 1.0		
Upper Explosion limit	: 13.1		
Solubility in water	: not soluble		
Boiling range	: 131-302°F		

SECTION X – STABILITY AND REACTIVITY
Stable under recommended storage and handling conditions (See section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

SECTION XI – TOXICOLOGICAL INFORMATION
There are no data available on the preparation itself. The preparation has been assessed for following the conventional methods of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Chapter 2 and 15 for details.

Exposure to component solvents vapors concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver, and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

SECTION XII – ECOLOGICAL INFORMATION
The product should not be allowed to enter drains or water courses.

SECTION XIII – DISPOSAL CONSIDERATIONS
Do not allow into drains or water courses.

Wastes and emptied containers are to be deposited according to the official rules

Code of waste	Waste Designation:
080111	waste paint and varnish containing organic solvents or other dangerous substances.

SECTION XIV – TRANSPORT INFORMATION
Transport in accordance with ADR/DOT for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID Class:	3
Tremcard:	n.a
UN-No:	1263
Transport document name:	Paint and paint related materials.
Packaging group:	II

IMDG Class:	3
EmS:	F-E, S-E
UN No:	1263
Proper shipping name:	Paint and paint related material
Packaging group:	II
Marine Pollutant	No

SECTION XV – REGULATORY INFORMATION

In accordance with requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations,
The product is labeled as follows:

Danger classification:
Xn Harmful

Contains:
Xylene, Ethyl Benzene

R-phrases:
11 Highly Flammable
66 Repeated exposure may cause skin dryness or cracking.
67 Vapors may cause drowsiness and dizziness

S-phrases:
24 Avoid contact with skin.
38 In case of insufficient ventilation, wear suitable respiratory equipment.
51 Use only in well-ventilated areas.
23 Do not breathe vapor.

US FEDERAL REGULATIONS:
SARA 313: Xylene, Ethyl Benzene, Toluene
SARA 311/312: Acute(yes) Chronic(no) Fire(yes) Pressure(no) Reactivity(no)
TSCA: All components of this product are listed on the TSCA inventory.
PROP 65: Ethyl Benzene, Toluene
WARNING: **This product contains a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.**

SECTION XVI – OTHER INFORMATION

HMIS Codes:
Health: 2
Flammability: 3
Reactivity: 0
Protection: H

The information of this MSDS is based on the present state of our knowledge and on current federal laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product; it is not to be considered as a guarantee of the products' properties.