COMPLIES WITH THE OSHA COMMUNICATION STANDARD 29 CFR 1910.1200

ANCHOR POINT MANUFACTURING CO., INC.
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FOR HEALTH HAZARD INFORMATION CALL: (918) 836-4626. FOR OTHER INFORMATION CALL YOUR ANCHOR PAINT REPRESENTATIVE.

SECTION I. IDENTIFICATION CAS: MIXTURE MAILING DATE: 1/20/98

CODE NUMBER: 87073 DESCRIPTION: HISOLIDS ORANGE (NEW COL) REVISION DATE: 2/21/75

SECTION II. HAZARDOUS INGREDIENTS

NAME	CAS NO.	PEL	TLV	OTHER	% BY WT
2-PENTANONE (METHYL PROPYL KETONE)	107-87-9 TWA	200 PPM TWA	200 PPM STEL	250 PPM	7.77
*TOLUENE	108-88-3 TWA	100 PPM TWA	100 PPM STEL	150 PPM	7.64
*XYLENE, (XYLOL)	1330-20-7 TWA	100 PPM TWA	100 PPM STEL	150 PPM	26.27
*ETHYL BENZENE	100-41-4 TWA	100 PPM TWA	100 PPM STEL	125 PPM	3.39
C.I. PIGMENT ORANGE 5, C.I. 12075	3468-63-1	N.E.	N.E.	N.E.	5.33
C.I. PIGMENT WHITE #21, C.I. 77120	7727-43-7 TWA	5 MG/M3 TWA	5 MG/M3	RESP. DUST	.16
N-BUTYL ACETATE	123-86-4 TWA	150 PPM TWA	150 PPM STEL	200 PPM	.04
MINERAL SPIRITS (STODDARD SOLVENT)	8052-41-3 TWA	100 PPM TWA	100 PPM MFG.	100 PPM	.50
*DIETHYLENE GLYCOL METHYL ETHER	111-77-3	N.E.	N.E.	50 PPM [illegible]	.61
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2 TWA	100 PPM TWA	100 PPM STEL	150 PPM	TRACE
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8 100	PPM-SKIN 100	PPM-SKIN STEL	150 PPM	TRACE
CALCIUM CARBOXYLATE		N.E.	N.E.	N.E.	.54
*COBALT AND COBALT COMPOUNDS		0.05 MG/M3	0.05 MG/M3	N.E.	.08
*MANGANESE NEODECANOATE	27253-30-3 "C"	5 MG/M3 TWA	5 MG/M3	N.E.	.11
METHYL ETHYL KETOXIME	96-29-7	N.E.	N.E.	TWA 10 PPM	.22

*The Product Described by this MSDS May contain Chemicals 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! Hazardous Ingredients Marked with an (*) are subject to the reporting requirements of this Law.

V O C Lbs/Gal Actual..............: 3.40
V O C Lbs/Gal Less Water & Exempt: 3.40 Specific Gravity (WATER=1): 1.046

Section III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 230 - 300 Deg. F
Vapor Pressure (mm Hg): @37.8C 23mm Melting Point: N.A.

Vapor Density (Air=1): 3.7 Evaporation Rate (Butyl Acetate=1)
Heavier than air. (Ethyl Ether=1): 2.1

Solubility in Water: Negligible.

Appearance and Odor: Liquid; Aromatic solvent odor, see description.

Section IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Flammable Limits: LEL UEL
46 Deg. F T.C.C. 0.9 7.0

Extinguishing Media: Carbon Dioxide, Dry Chemical - Foam - Class "B" Fires.

Special Fire Fighting Procedures: Water may be ineffective. Water should be used to cool containers exposed to fire.
Unusual Fire and Explosion Hazards: Forms flammable and/or explosive mixtures with air or oxygen.

Section V. REACTIVITY DATA

Stability: Unstable - NO Stable X Conditions To Avoid: Avoid contact with strong oxidizers.
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizers.

Hazardous Decomposition or Byproducts: Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen.
Hazardous Polymerization: May Occur NO Will Not Occur X

Conditions to Avoid: Does not heat spontaneously.

Section VI. HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes
Health Hazards (Acute and Chronic):
Acute (From Short-Term "Overexposure"):
Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.
Eye contact may cause severe irritation, redness, tearing, blurred vision, and a sensation of seeing halos around lights.
Prolonged contact with the skin may lead to extraction of natural oils with resultant mild irritation or dermatitis.
If swallowed, can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.
Chronic (From Long-Term "Overexposure"):
May cause liver, kidney, CNS damage as well as cardiac abnormalities.
Emergency and First Aid Procedures:
Inhalation: Move to fresh air. Give artificial respiration if necessary.
Skin Contact: Wash with soap & water.

Eye Contact: Flush with water for at least 15 minutes, consult a physician.
Ingestion: Drink one or two glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center as soon as possible. Treat symptomatically.
Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO
Signs and Symptoms of Exposure: Intoxicating, narcotic, dizziness & nausea.
Medical Conditions Generally Aggravated by Exposure: Persons with severe skin, liver, heart, kidney problems or general poor health should avoid use.

component is exceeded (see section II), a NIOSH/MSHA approved respirator is advised. Engineering or administrative controls should be implemented to reduce exposure. Refer to 29 CFR 1910.134 !
Ventilation: Provide sufficient ventilation to keep vapor concentration below given TLV values.
Local Exhaust - Exhaust at floor level and/or point of release.
Special - Vapors are heavier than air.
Mechanical (General) - Use in well ventilated area.
Other - Eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent skin contact. Liquid may penetrate shoes and other clothing causing delayed irritation. Remove contaminated clothing as soon as possible and wash hands before eating, smoking or using washroom/restroom.
Protective Gloves: Use synthetic chemical resistant gloves.
Eye Protection: Use safety eyewear designed to protect against splash of liquids and vapors.

SECTION IX. OTHER HEALTH INFORMATION

S-103 COBALT and COBALT COMPOUNDS:
This product contains a Cobalt compound. Cobalt and Cobalt compounds are Group 2B carcinogens. IARC has classified Cobalt and Cobalt compounds as Group 2B carcinogens which are possibly carcinogenic to humans. See IARC Monograph, Volume 52.

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