

SECTION I

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- H M I S -

HEALTH	: 2
FLAMMABILITY	: 3
REACTIVITY	: 0
PERSONAL PROJECT.	: X

(HAZARD RATING : 0=least, 1=slight, 2=moderate, 3=high, 4=extreme, \*=chronic)  
 (X = ask your supervisor for specialized handling directions)

SECTION II-A

HAZARDOUS COMPONENTS

Colors	no.	component	CAS#	% by wt.	SARA	vapor pressure (mm Hg @20C)	LEL (@25 C)
LT BLUE	1	XYLENE	1330-20-7	35 - 40	YES	6.00	1.10
BLUE	2	ETHYL BENZENE	100-41-4	5 - 10	YES	7.00	1.00
ORANGE	3	ROSIN, MALEATED WITH GLYCEROL ESTER	68038-41-5	10 - 15	NO	N/A	N/A
GRAY	4	HYDROGENATED HYDROCARBIN RESIN	69430-35-9	20 - 25	NO	N/A	N/A
WHITE							
YELLOW							
PINK							
VIOLET	1	XYLENE	1330-20-7	35 - 40	YES	6.00	1.10
GREEN	2	ETHYL BENZENE	100-41-4	5 - 10	YES	7.00	1.00
LT GREEN	3	ROSIN, MALEATED WITH GLYCEROL ESTER	68038-41-5	10 - 15	NO	N/A	N/A
BROWN	4	HYDROGENATED HYDROCARBIN RESIN	69430-35-9	25 - 30	NO	N/A	N/A
	5	BROWN IRON OXIDE (BROWN ONLY)	52357-70-7	1 - 5	NO	N/A	N/A
RED	1	XYLENE	1330-20-7	40 - 45	YES	6.00	1.10
BLACK	2	ETHYL BENZENE	100-41-4	5 - 10	YES	7.00	1.00
	3	ROSIN, MALEATED WITH GLYCEROL ESTER	68038-41-5	10 - 15	NO	N/A	N/A
	4	HYDROGENATED HYDROCARBIN RESIN	69430-35-9	25 - 30	NO	N/A	N/A
	5	CARBON BLACK (BLACK ONLY)	1333-86-4	5 - 10	NO	N/A	N/A
SILVER	1	XYLENE	1330-20-7	35 - 40	YES	6.00	1.10
GOLD	2	ETHYL BENZENE	100-41-4	5 - 10	YES	7.00	1.00
	3	ROSIN, MALEATED WITH GLYCEROL ESTER	68038-41-5	10 - 15	NO	N/A	N/A
	4	HYDROGENATED HYDROCARBIN RESIN	69430-35-9	20 - 25	NO	N/A	N/A
	5	ALUMINA (SILVER ONLY)	7429-90-5	10 - 15	YES	N/A	N/A
	6	STODDARD SOLVENT (SILVER ONLY)	8052-41-3	1 - 5	NO	.01	1.10
	7	COPPER (GOLD ONLY)	7440-50-8	10 - 15	YES	N/A	N/A
	8	ZINC (GOLD ONLY)	7440-66-6	1 - 5	YES	N/A	N/A
	9	MINERAL SPIRITS (GOLD ONLY)	64742-88-7	1 - 5	NO	2.60	.90

>> None of the components of this product are recognized as carcinogenic.

>> Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the Section 313 List (40 CFR Part 372.65) are identified under the heading 'SARA 313'.

>>PROPOSITION 65: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM (N/A = not applicable)

SECTION II-B

OCCUPATIONAL EXPOSURE LIMITS

no.	(OSHA) PEL/TWA	PEL/CEILING	PEL/STEL	skin
1	100 ppm	N/E	N/E	N/E
2	100 ppm	N/E	N/E	N/E
3	N/E	N/E	N/E	N/E
4	5 MG/M3	N/E	N/E	N/E
no.	(ACGIH) TLV/TWA	TLV/CEILING	TLV/STEL	skin
1	100 ppm	N/E	150 ppm	N/E
2	100 ppm	N/E	125 ppm	N/E
3	N/E	N/E	N/E	N/E
4	N/E	N/E	N/E	N/E

>> The dried film of this product may become a dust nuisance when removed by sanding or grinding. OSHA recommends a PEL/TWA of 15 mg/m3 for total dust and 5 mg/m3 for the respirable fraction. ACGIH recommends a TLV/TWA of 10 mg/m3 for total dust.

>> (SKIN) absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact.

(N/E = not established)

SECTION III

PHYSICAL DATA

Color	% volatile by volume	% volatile by weight ± 2%	weight per gallon ±.2	VOC as supplied # pounds per gallon
LT BLUE	53.20	41.87	9.21	3.8559
BLUE	54.21	43.95	8.94	3.9293
ORANGE	54.29	46.03	8.55	3.9351
GRAY	54.09	42.78	9.17	3.9219
WHITE	54.36	42.34	9.31	3.9401
YELLOW	52.12	38.78	9.74	3.7776
PINK	53.20	41.87	9.21	3.8559
VIOLET	53.40	44.95	8.61	3.8708
GREEN	54.31	45.84	8.59	3.9363
LT GREEN	53.63	45.70	8.50	3.8870
BROWN	54.81	47.11	8.43	3.9732
RED	54.50	47.30	8.35	3.9505
BLACK	54.38	47.27	8.34	3.9433
SILVER	58.20	49.14	8.50	4.1775
GOLD	58.68	45.89	9.21	4.2268

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LT BLUE, BLUE, ORANGE, GRAY, WHITE, YELLOW, PINK, VIOLET, GREEN, LT GREEN, BROWN, RED

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**EYE CONTACT**

BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE EYES. EXPOSURE MAY CAUSE CORNEAL INJURY. BASED ON THE PRESENCE OF COMPONENTS 1 AND 2, PRODUCT VAPORS MAY ALSO BE IRRITATING TO THE EYES.

**SKIN CONTACT**

BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE SKIN. PROLONGED CONTACT MAY CAUSE DAMAGE TO THE SKIN. BASED ON THE PRESENCE OF COMPONENT 2 ABSORPTION THROUGH THE SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS THOSE DESCRIBED FOR INHALATION AND INGESTION. BASED ON THE PRESENCE OF COMPONENT 1 PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN DERMATITIS.

**INHALATION**

EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS MEMBRANES. BASED ON THE PRESENCE OF COMPONENTS 1 AND 2 EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**INGESTION**

BASED ON THE PRESENCE OF COMPONENTS 1 AND 2, PRODUCT IS PRESUMED TO BE SLIGHTLY TOXIC. BASED ON THE PRESENCE OF COMPONENT 1 SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE LUNGS DURING INGESTION OR FROM VOMITING MAY RESULT IN SEVERE LUNG DAMAGE. BASED ON THE PRESENCE OF COMPONENT 1 INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

**SIGNS AND SYMPTOMS**

EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL IRRITATION AS NOTED ABOVE. BASED ON THE PRESENCE OF COMPONENT 1 CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

**AGGRAVATED MEDICAL CONDITIONS**

PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**OTHER HEALTH EFFECTS**

BASED ON THE PRESENCE OF COMPONENT 2 "WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER."

**BLACK**

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**EYE CONTACT**

BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE EYES. EXPOSURE MAY CAUSE CORNEAL INJURY. BASED ON THE PRESENCE OF COMPONENTS 1 AND 2, PRODUCT VAPORS MAY ALSO BE IRRITATING TO THE EYES.

**SKIN CONTACT**

BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE SKIN. PROLONGED CONTACT MAY CAUSE DAMAGE TO THE SKIN. BASED ON THE PRESENCE OF COMPONENT 2 ABSORPTION THROUGH THE SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS THOSE DESCRIBED FOR INHALATION AND INGESTION. BASED ON THE PRESENCE OF COMPONENT 1 PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN DERMATITIS.

**INHALATION**

EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS MEMBRANES. BASED ON THE PRESENCE OF COMPONENTS 1 AND 2 EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**INGESTION**

BASED ON THE PRESENCE OF COMPONENTS 1 AND 2, PRODUCT IS PRESUMED TO BE SLIGHTLY TOXIC. BASED ON THE PRESENCE OF COMPONENT 1 SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE LUNGS DURING INGESTION OR FROM VOMITING MAY RESULT IN SEVERE LUNG DAMAGE. BASED ON THE PRESENCE OF COMPONENT 1 INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

**SIGNS AND SYMPTOMS**

EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL IRRITATION AS NOTED ABOVE. BASED ON THE PRESENCE OF COMPONENT 1 CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

**AGGRAVATED MEDICAL CONDITIONS**

PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**OTHER HEALTH EFFECTS**

BASED ON THE PRESENCE OF COMPONENT 5 CHRONIC OVEREXPOSURE MAY CAUSE DAMAGE TO THE LUNGS. BASED ON THE PRESENCE OF COMPONENT 2 "WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER."

**SILVER**

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**EYE CONTACT**

BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE EYES. EXPOSURE MAY CAUSE CORNEAL INJURY. BASED ON THE PRESENCE OF COMPONENTS 1, 2, AND 6 PRODUCT VAPORS MAY ALSO BE IRRITATING TO THE EYES.

**SKIN CONTACT**

BASED ON THE PRESENCE OF COMPONENTS 2 AND 6 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE SKIN. PROLONGED CONTACT MAY CAUSE DAMAGE TO THE SKIN. BASED ON THE PRESENCE OF COMPONENT 2 ABSORPTION THROUGH THE SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS THOSE DESCRIBED FOR INHALATION AND INGESTION. BASED ON THE PRESENCE OF COMPONENTS 1 AND 6 PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN DERMATITIS.

**INHALATION**

EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS MEMBRANES. BASED ON THE PRESENCE OF COMPONENTS 1, 2 AND 6 EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. BASED ON THE PRESENCE OF COMPONENT 6 EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT AND OTHER MUCOUS MEMBRANES.

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**SECTION IV CONTINUED****HEALTH INFORMATION**

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**SILVER CONTINUED**

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**INGESTION**  
BASED ON THE PRESENCE OF COMPONENTS 1 AND 2, PRODUCT IS PRESUMED TO BE SLIGHTLY TOXIC. BASED ON THE PRESENCE OF COMPONENT 1 SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE LUNGS DURING INGESTION OR FROM VOMITING MAY RESULT IN SEVERE LUNG DAMAGE. BASED ON THE PRESENCE OF COMPONENT 1 INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

**SIGNS AND SYMPTOMS**  
EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL IRRITATION AS NOTED ABOVE. BASED ON THE PRESENCE OF COMPONENTS 1 AND 6, CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

**AGGRAVATED MEDICAL CONDITIONS**  
PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**OTHER HEALTH EFFECTS**  
BASED ON THE PRESENCE OF COMPONENT 2 "WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER."

**GOLD**

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**EYE CONTACT**  
BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE EYES. EXPOSURE MAY CAUSE CORNEAL INJURY. BASED ON THE PRESENCE OF COMPONENTS 1, 2, AND 7, PRODUCT VAPORS MAY ALSO BE IRRITATING TO THE EYES.

**SKIN CONTACT**  
BASED ON THE PRESENCE OF COMPONENT 2 PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE SKIN. PROLONGED CONTACT MAY CAUSE DAMAGE TO THE SKIN. BASED ON THE PRESENCE OF COMPONENT 2 ABSORPTION THROUGH THE SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS THOSE DESCRIBED FOR INHALATION AND INGESTION. BASED ON THE PRESENCE OF COMPONENT 1 AND 7 PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN DERMATITIS.

**INHALATION**  
EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT, AND OTHER MUCOUS MEMBRANES. BASED ON THE PRESENCE OF COMPONENTS 1, 2 AND 7 EXPOSURE TO HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**INGESTION**  
BASED ON THE PRESENCE OF COMPONENTS 1, 2, 5 AND 7 PRODUCT IS PRESUMED TO BE SLIGHTLY TOXIC. BASED ON THE PRESENCE OF COMPONENT 5 INGESTION MAY CAUSE RED BLOOD CELL HEMOLYSIS LEADING TO KIDNEY AND LIVER DAMAGE. BASED ON THE PRESENCE OF COMPONENTS 1 AND 7 SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE LUNGS DURING INGESTION OR FROM VOMITING MAY RESULT IN SEVERE LUNG DAMAGE. BASED ON THE PRESENCE OF COMPONENT 1 AND 7 INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

**SIGNS AND SYMPTOMS**  
EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL IRRITATION AS NOTED ABOVE. BASED ON THE PRESENCE OF COMPONENT 1 AND 7 CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

**AGGRAVATED MEDICAL CONDITIONS**  
PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

**OTHER HEALTH EFFECTS**  
BASED ON THE PRESENCE OF COMPONENT 5 CHRONIC OVEREXPOSURE MAY CAUSE INJURY TO THE KIDNEYS AND LIVER. BASED ON THE PRESENCE OF COMPONENT 5 CHRONIC OVEREXPOSURE MAY CAUSE DAMAGE TO THE RED BLOOD CELLS. BASED ON THE PRESENCE OF COMPONENT 2 "WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER."

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**SECTION V****EMERGENCY AND FIRST AID PROCEDURES**

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**ALL COLORS**

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**EYE CONTACT**  
IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF ANY SYMPTOMS PERSIST.

**SKIN CONTACT**  
REMOVE CONTAMINATED CLOTHING AND SHOES. WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. DO NOT REUSE CLOTHING UNTIL THOROUGHLY DECONTAMINATED.

**INHALATION**  
REMOVE VICTIM TO FRESH AIR AND TREAT SYMPTOMATICALLY. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF THE VICTIM IS NOT BREATHING. SEEK PROMPT MEDICAL ATTENTION.

**INGESTION**  
DO NOT INDUCE VOMITING. IF VOMITING SPONTANEOUSLY OCCURS, KEEP THE VICTIM'S HEAD BELOW THE HIPS TO PREVENT ASPIRATION INTO THE LUNGS. SINCE ASPIRATION INTO THE LUNGS CAN CAUSE VERY SERIOUS, PERMANENT DAMAGE, THE DECISION OF WHETHER TO INDUCE VOMITING OR NOT SHOULD BE MADE BY A PHYSICIAN. HOSPITAL OR POISON CONTROL CENTER AND/OR TRANSPORT TO AN EMERGENCY FACILITY IMMEDIATELY.

>> COMPONENT 1 MAY CAUSE SEVERE, PERMANENT DAMAGE IF ASPIRATED AND VOMITING SHOULD NOT BE INDUCED.

**GOLD**

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COMPONENTS 1 AND 9 MAY CAUSE SEVERE, PERMANENT DAMAGE IF ASPIRATED AND VOMITING SHOULD NOT BE INDUCED.

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<b>SECTION VI</b>	<b>FIRE AND EXPLOSION HAZARDS</b>
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ALL COLORS

flammability classification - OSHA : FLAMMABLE LIQUID - CLASS IC  
- DOT : FLAMMABLE LIQUID

flash point : 81 ±2 degrees F. SETAFLASH

**EXTINGUISHING MEDIA**

USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS

WARNING. FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS, AND A POSITIVE PRESSURE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

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<b>SECTION VII</b>	<b>REACTIVITY</b>
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ALL COLORS EXCEPT GOLD AND SILVER

STABILITY: STABLE

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

**CONDITIONS AND MATERIALS TO AVOID**

BASED ON THE PRESENCE OF COMPONENTS 1 AND 2, AVOID OXIDIZING MATERIALS.

**HAZARDOUS DECOMPOSITION PRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SILVER

STABILITY: STABLE

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

**CONDITIONS AND MATERIALS TO AVOID**

BASED ON THE PRESENCE OF COMPONENTS 1, 2, 5 6 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF COMPONENT 5 AVOID STRONG ACIDS. BASED ON THE PRESENCE OF COMPONENT 5 AVOID STRONG ALKALIES. BASED ON THE PRESENCE OF COMPONENT 5 AVOID LEAD, COPPER, AND THEIR ALLOYS. BASED ON THE PRESENCE OF COMPONENT 5 AVOID GROSS WATER CONTAMINATION.

**HAZARDOUS DECOMPOSITION PRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

GOLD

STABILITY: STABLE

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

**CONDITIONS AND MATERIALS TO AVOID**

BASED ON THE PRESENCE OF COMPONENTS 1, 2, 8, AND 9 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF COMPONENT 8 AVOID STRONG ACIDS. BASED ON THE PRESENCE OF COMPONENT 8 AVOID GROSS WATER CONTAMINATION.

**HAZARDOUS DECOMPOSITION PRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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<b>SECTION VIII</b>	<b>ALL COLORS</b>	<b>EMPLOYEE PROTECTION</b>
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**RESPIRATORY PROTECTION**

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS/MIST. IF EXPOSURE EXCEEDS TLV USE A NIOSH-APPROVED POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR TO PREVENT OVEREXPOSURE.

**PROTECTIVE CLOTHING**

AVOID CONTACT WITH EYES. WEAR GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH EYES. DO NOT GET ON SKIN OR ON CLOTHING.

**ADDITIONAL PROTECTIVE MEASURES**

USE VENTILATION AS REQUIRED TO CONTROL VAPORDUST CONCENTRATIONS. EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

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<b>SECTION IX</b>	<b>ALL COLORS</b>	<b>ENVIRONMENTAL PROTECTION</b>
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**SPILL OR LEAK PROCEDURES**

LARGE SPILLS >> EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS. CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS AS ABOVE. SMALL SPILLS >> TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS; SEAL TIGHTLY FOR PROPER DISPOSAL.

**WASTE DISPOSAL**

WASTE CHARACTERIZATIONS AND COMPLIANCE WITH APPLICABLE LAWS ARE THE SOLE RESPONSIBILITY OF THE END USER. ALL DISPOSAL PRACTICES USED FOR THIS PRODUCT AND ITS' CONTAINER(S) MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. THE INFORMATION PRESENTED IN THIS MSDS PERTAINS ONLY TO THE PRODUCT AS SHIPPED.

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<b>SECTION X</b>	<b>ALL COLORS</b>	<b>ADDITIONAL PRECAUTIONS</b>
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KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER POSSIBLE SOURCES OF IGNITION PRIOR TO USE AND UNTIL VAPORS ARE GONE. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE PRODUCT IN THE ABSENCE OF SPARKS OR FLAME. VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. CONTAINERS, EVEN IF EMPTY, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, OR WELD NEAR CONTAINERS.

CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHEN EMPTY. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.