KANSAS CORRECTIONAL INDUSTRIES
LATEX GLOSS ENAMEL

SAFETY DATA SHEET

SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

1.1	Product name:	Latex Gloss Enamel, Accent, Dark, Pastel & Tint bases
	General use:	Paint
	Product description:	Viscous white liquid except if tinted
	Product number(s):	LEGEW
1.2	Manufacturer:	Kansas Correctional Industries, 4th. St. & Kansas St., Lansing, KS 66043
	Telephone number:	(913) - 727 -3249
	Emergency number:	Chemtrec: (800) - 424 - 9300

Date prepared: May 3, 2015; supersedes any previous editions
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SECTION 2 – HAZARDS IDENTIFICATION

2.1	Classification of the substance:		Cat. 3; Skin Cat. 2B; Eye GHS07
2.2	Signal word:		**WARNING**
2.3	Hazard statement:	H302:	Harmful if swallowed.
		H315:	Causes skin and eye irritation.
		H337:	May cause damage to organs (kidneys) through prolonged or repeated ingestion.
2.4	Precautionary prevention statements:	P264:	Wash exposed skin thoroughly after handling.
		P280:	Wear protective gloves/protective clothing/eye protection/face protection.
2.5	Precautionary response statements	P312:	Call a **POISON CENTER** or doctor/physician if you feel unwell.
		P301, P330, P381:	**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.
		P304, P340:	**IF INHALED:** Remove victim to fresh air, rest in a position comfortable for breathing.
		P305, P351, P338:	**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing as needed.
		P363:	Wash contaminated clothing before reuse.
2.6	Precautionary disposal statement:	P501:	Dispose of contents / container in accordance with local / national / international regulations.
2.7	NFPA / HMIS rating:		2, 0, 0, B

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

				OSHA PEL		ACGIH TLV		SARA	RQ (lbs.)
3.1	Hazardous components:	CAS #	% by wt.	PPM	mg/M^3	PPM	mg/M^3	TITLE III	
	Ethylene glycol monobutyl ether	111-76-2	< 2%	50		20		Sec. 311 / 312	None
	Titanium dioxide (dust)	13463-67-7	< 2%	15		10		Not listed	None
	Calcium carbonate (dust)	1317-65-3	< 16%	15		10		Not listed	None

The remaining components of this product are non-hazardous or are in small enough quantities as to not meet regulatory thresholds for disclosure.
These components contain no substances or impurities which would influence the classification of this product.
All components and their specific proportions in this product are considered proprietary to Kansas Correctional Industries.

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

General information:	Immediately remove any clothing soiled by the product. Always seek medical help for any exposure.
After inhalation:	In case of unconsciousness place patient stably in side position for transportation. Supply fresh air. If required, provide artificial respiration. Keep patient warm.
After skin contact:	Immediately rinse with water. Seek immediate medical advice.
After eye contact:	Remove contact lenses if worn. Rinse eyes for several minutes under running water. Seek medical advice.
After swallowing:	Do not induce vomiting; call for medical help immediately. Rinse out mouth and then drink plenty of water. A person vomiting while on their back should be turned onto their side.

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SECTION 5 – FIRE FIGHTING PROCEDURES

5.1	Extinguishing media:	Carbon dioxide, water fog, chemical foam, dry chemical. Material is non-flammable.
5.2	General hazards:	Material is irritating, avoid contact and conditions that result in agitating or foaming the material.
5.3	Advice for firefighters:	Protective equipment: Wear a self-contained respiratory protective device.
5.4	Unusual hazards:	None.
5.5	Firefighting procedures:	Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Material is alkaline and will irritate the eyes if product or fumes contact the eyes.
5.6	Decomposition compounds:	Oxides of carbon, titanium, magnesium, calcium and silicon may be released with sufficient thermal energy.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1	Protective equipment and emergency procedures:	Wear protective equipment. Keep unprotected persons away. Particular danger of slipping on leaked/spilled product. Ensure adequate ventilation, material is irritating, avoid direct contact.
6.2	Environmental precautions:	Dilute with plenty of water and do not allow it to enter sewers, surface or ground water.
6.3	Methods and materials for containment and clean up:	Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Use neutralizing agent. Clean the affected area carefully, dispose contaminated material as waste according to Section 13.
6.4	Reference to other sections:	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

SECTION 7 – HANDLING AND STORAGE

7.1	Precautions for safe handling:	Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
7.2	Conditions for safe storage:	Do not store together with acids or foodstuffs. Store in cool, dry conditions in well sealed receptacles.
7.3	Specific end use(s):	No further relevant information available.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure controls:

General protective and hygienic measures: Keep away from foodstuffs and beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid direct contact with the eyes and skin.

Respiratory protection: None required unless product is aerated or sprayed.

Protection of hands: Protective gloves, the glove material has to be impermeable and resistant to the product, such as neoprene, butyl or nitrile rubber gloves with cuffs.

Eye protection: Safety glasses and / or goggles with side shields.

Body protection: Protective work clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	Viscous white liquid except if tinted
	Odor:	Sharp
	Odor threshold:	ND
	pH:	8.0 – 9.5
	Melting point / freezing point:	ND
	Initial boiling point and boiling range:	> 100^{o}C
	Flash point:	> 100^{o}C
	Evaporation rate:	ND
	Flammability (solid, gas):	ND
	Upper / lower flammability or explosive limits:	ND
	Vapor pressure:	ND
	Vapor density:	ND
	Relative density:	1.3 @ 25^{o}C
	Solubility:	Soluble
	Partition coefficient: n-octanol/water:	ND
	Autoignition temperature:	ND
	Decomposition temperature:	ND
9.2	Other information:	None

SECTION 10 –STABILITY AND REACTIVITY

10.1	Reactivity:	No spontaneous reactivity
10.2	Chemical stability:	Thermal decomposition possible at temperatures exceeding 600°F, no decomposition if used according to specifications.
10.3	Possible hazardous reactions:	Corrosive action on metals, reacts with powdered metals, reacts strongly with acids.
10.4	Conditions to avoid:	No further relevant information available.
10.5	Incompatible materials:	Strong oxidizers and acids.
10.6	Decomposition products:	Oxides of carbon, calcium, titanium, magnesium and silicon.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1	Hazardous Ingredients	CAS #	EINECS #	LD 50, species / route
	Ethylene glycol monobutyl ether	111-76-2	203-905-0	LD50, Rat, oral, 470 mg/kg
	Titanium dioxide (dust)	13463-67-7	236-675-5	LD50, Rat, oral, > 10,000 mg/kg
	Calcium carbonate (dust)	1317-65-3	207-439-9	LD50, Rat, oral, 6450 mg/kg
11.2	Serious eye damage/irritation:	No data available		
11.3	Respiratory or skin sensitization:	No data available		
11.4	Repeated dose toxicity:	No data available		
11.5	STOT (single/repeated)	May cause damage to organs through prolonged or repeated exposure – kidneys.		
11.6	Carcinogenicity:	IARC: Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes. “No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials such as paint.” OSHA: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
11.7	Mutagenicity:	No data available		
11.8	Reproductive toxicity:	No data available		

SECTION 12 – ECOLOGICAL INFORMATION

12.1	Toxicity:	Ethylene glycol monobutyl ether	107-21-1	LC50, Fathead minnow, 220 mg/liter (96 hours)
		Titanium dioxide (dust)	13463-67-7	LC50, Fathead minnow, ND
		Calcium carbonate (dust)	1317-65-3	LC50, Fathead minnow, > 10,000 mg/liter (96 hours)
		Finished product	No available data	
12.2	Persistence and degradability:	Expected to be easily biodegradable based on composition.		
12.3	Bioaccumulative potential:	Not expected to exhibit this behavior based on composition.		
12.4	Soil mobility:	No specific data available.		
12.5	General information:	No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.		

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods:	It is recommended that small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. Refer to 40 CFR 260 - 299 for complete waste disposal regulations for alkaline materials. Consult your local, state, or federal agency before disposing of any chemicals.

SECTION 14 – TRANSPORTATION INFORMATION

14.1	UN number: DOT, ADR, IMDG, IATA	Not applicable
14.2	Proper shipping name: DOT, ADR, IMDG, IATA	None
14.3	Transport hazard class: DOT, ADR, IMDG, IATA	None
14.4	Packing group: DOT, ADR, IMDG, IATA	None
14.5	Environmental hazards: Marine	No

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 – REGULATORY INFORMATION

15.1	TSCA:	All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.
15.2	SARA TITLE III:	Not regulated under 302, 303. Listed under 311, 312.
15.3	CERCLA:	not listed.
15.4	Clean Air Act:	No ingredients defined as Hazardous Air Pollutants or Stratospheric Ozone Depleting.
15.5	California Prop. 65:	This product contains a chemical known to the State of California to cause cancer or developmental concerns. Titanium dioxide (CAS # 13463-67-7)
15.6	Right To Know:	MA / NJ / PA for ethylene glycol monobutyl ether (CAS # 111-76-2). MA / NJ / PA / RI / MN for titanium dioxide (CAS # 13463-67-7)
15.7	CPR classification:	WHMIS Classification: D2
15.8	Canadian IDL:	Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.
15.9	Can. DSL / NDSL:	Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.
15.10	EINECS:	Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

SECTION 16 – OTHER INFORMATION

16.1 Risk phrases: R36 / 37 / 38: Irritating to the eyes / respiratory system / skin

Safety phrases: S36 / 37 / 39: Wear protective clothing, gloves, and eye / face protection.

Symbol for label:  GHS07

NOTE: If this product is tinted to a specific color the SDS on this product will vary depending on the colorants and amount of colorants added. Refer to the KCI website for SDS information for colorants.