

LITHO/ALT PROCESS - SDS SAFETY CHART

CODE	ITEM	MANUFACTURER	FIRST AID	HEALTH HAZARD	FLAMMABILITY	CHEMICAL REACTIVITY
L1	Gum Arabic Solution	Day International Chemical Products Div.	<p>Eye Contact: Hold Eyelids open and flush with water for 15 minutes.</p> <p>Skin Contact: Wash with soap and water.</p> <p>Inhaled: Move victim to fresh air. Give Oxygen if breathing is labored.</p> <p>Swallowed: If victim is fully conscious, induce vomiting as directed by medical professional. Seek medical attention immediately.</p>	<p>May cause mild irritation to skin and eyes. Harmful if swallowed.</p> <p>Not an inhalation hazard if used as directed.</p>	Flash Point N/A, Flammable Limits N/A	<p>Stable</p> <p>Avoid mixing with strong oxidizing agents.</p>
L2	Liquid Tusche	Stones Crayons	<p>Eye Contact: Flush with water for 15 minutes.</p> <p>Skin Contact: Rinse well with water.</p> <p>Swallowed: If ingested, give milk or water, and provide symptomatic care.</p>	<p>May cause mild irritation to skin and eyes, and mild gastro-intestinal irritation if ingested.</p>	Flash Point N/A, Flammable Limits N/A	Stable
L3	Autographic Ink	William Korn, Inc.	<p>Eye Contact: Flush eyes with water for 15 minutes.</p> <p>Skin Contact: Wash skin with soap and water.</p> <p>Inhaled: N/A</p> <p>Swallowed: Unlikely to be toxic by ingestion. Seek medical attention as necessary.</p>	<p>Hazardous polymerization will not occur.</p>	Flash Point N/A, Flammable Limits N/A	Stable

L4	Toner	MITA Industrial Co., LTD.	<p>Eye Contact: Flush thoroughly with water.</p> <p>Skin Contact: Wash with soap and water.</p> <p>Swallowed: Dilute stomach contents with several glasses of water and seek medical treatment.</p>	<p>Hazardous Components: Iron Oxide, Zinc Oxide, Copper Oxide.</p> <p>May cause mild irritation to skin and eyes, and mild gastro-intestinal irritation if ingested.</p>	<p>Flash Point: Higher than 350F,</p> <p>Flammable Limits N/A</p>	<p>Stable</p> <p>Avoid strong oxidizing agents.</p>
L5	Matte Acrylic Varnish (Satin Finish)	Liquitex(R)	<p>Eye Contact: Wash eyes with large amounts of water or saline(15-20 min)</p> <p>Skin Contact: Wash with soap and water.</p> <p>Inhaled: Remove from exposure</p> <p>Swallowed: Contact the local poison control center or physician immediately.</p>	<p>No significant health hazards reported.</p>	<p>Slight Fire Hazard, extinguish with dry chemical, carbon dioxide, water, or regular foam.</p> <p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p> <p>Avoid strong oxidizing agents.</p>
L6	FPC Finisher/Preserver/Cleaner	AGFA Co.	<p>Eye Contact: Flush eyes with water for at least 15 minutes.</p> <p>Skin Contact: Remove contaminated clothing, and flush affected areas with soap and water.</p> <p>Inhaled: Remove to fresh air. Provide oxygen as needed</p> <p>Swallowed: Rinse mouth with plenty of water and contact a physician.</p>	<p>May cause mild irritation to skin and eyes, respiratory tract irritation, nausea, and dizziness.</p>	<p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p> <p>Avoid strong oxidizers and bases.</p>

L7	231 Negative Deletion Fluid/229 Image Remover	Kodak Polychrome Graphics	<p>Eye Contact: Remove contact lenses. Immediately flush open eyes with running water for at least 15 minutes.</p> <p>Skin Contact: Wash immediately with plenty of water.</p> <p>Inhaled: Rest in a well ventilated area</p> <p>Swallowed: Do NOT induce vomiting. Drink several glasses of water or milk. Seek medical attention.</p>	<p>Health: 2</p> <p>May cause mild irritation to skin and eyes, and harmful if swallowed.</p>	<p>Flammability: 2</p> <p>Flash Point: Closed Cup 127.4F,</p> <p>Flammable Limits: lower-1.3%, higher-9.4%</p>	<p>Reactivity: 0</p> <p>Stable</p> <p>Incompatible with some alkalies, strong acids, and strong oxidizers.</p>
L8	Paste Tushe	Stones Crayons	<p>Thoroughly wash with soap and water. For eye irritation, flush eyes with clean water.</p>	<p>May cause mild irritation to skin and eyes, respiratory tract irritation, nausea, and vomiting, and diarrhea.</p>	<p>Flash Point: Above 300F,</p> <p>Flammable Limits N/A</p>	<p>Stable</p>
L9	Red Iron Oxide	Kroma	<p>Eye Contact: Flush eyes with generous amounts of water for at least 15 minutes.</p> <p>Skin Contact: Wash with mild soap and water.</p> <p>Inhaled: Remove to fresh air.</p> <p>Swallowed: If conscious, give large quantities of water to induce vomiting. Seek medical attention.</p>	<p>Health:0</p> <p>May cause mechanical skin and eye irritation.</p> <p>Repeated and prolonged exposure to iron oxide dust may cause benign pneumoconiosis.</p>	<p>Flammability: 0</p> <p>Flash Point N/A,</p> <p>Flammable Limits N/A</p>	<p>Reactivity: 0</p> <p>Incompatible with hydrazine, calcium hypochlorite, performic acid, and bromine pentafluoride.</p>

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L10	Fountain Solution	Hurst Graphic	<p>Eye Contact: Flush eyes with generous amounts of water for at least 15 minutes.</p> <p>Skin Contact: Wash thoroughly with soap and water.</p> <p>Swallowed: Induce vomiting. Obtain medical attention in all cases.</p>	<p>May cause eye irritation, skin reddening, and dermatitis. Hazardous if swallowed.</p>	<p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p>
L11	French Chalk	Graphic Chemical Co.	<p>Eye Contact: Flush with water.</p> <p>Skin Contact: Wash with mild soap and water.</p>	<p>May cause irritation to eyes and skin.</p>	<p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p>
L12	Aluminum Sulfate	Chemtrec	<p>Eye Contact: Remove contact lenses. Flush eyes with water for at least 15 minutes.</p> <p>Skin Contact: Flush skin with water. Cover irritated skin with an emollient. Remove contaminated clothes. Get medical attention.</p> <p>Inhaled: Remove to fresh air. Give respiration and oxygen as needed. Get medical attention.</p> <p>Swallowed: Do NOT induce vomiting. Loosen</p>	<p>Health: 2 Hazardous in case of skin or eye contact, or inhalation. Slightly hazardous in case of ingestion.</p>	<p>Flammability: 0 Flash Point N/A, Flammable Limits N/A</p>	<p>Reactivity: 0 Stable Reactive with oxidizing agents.</p>

			tight clothing at collar and wait. Get medical attention if symptoms appear.			
L13	Kimwipes (Kimtech Prep Sanitizer Wipe)	Kimberly-Clark Australia Pty Ltd	<p>Eye Contact: Flush with gently flowing water for at least 15 minutes with eyelids open.</p> <p>Skin Contact: Wash contaminated skin with plenty of water, and remove contaminated clothing.</p> <p>Inhaled: Remove to fresh air. Give respiration and oxygen as needed. Seek medical attention.</p> <p>Swallowed: For a minor amount of ingestion, drink 2 glasses of water. Seek medical attention.</p>	May be a mild irritant to eyes and skin.	Flash Point N/A, Flammable Limits N/A	Stable Incompatible with strong oxidizers.
L14	Tympan Grease	Graphic Chemical Co./ Stevenson-Cooper, Inc.	<p>Eye Contact: Non-irritating to eyes.</p> <p>Skin Contact: Not expected to cause skin irritation.</p> <p>Inhaled: Non-hazardous.</p> <p>Swallowed: Do not ingest. This product is practically non-toxic, but it's laxative properties may result in abdominal cramps and diarrhea.</p>	Non-Hazardous	Flash Point: 400F, Flammable Limits N/A	Stable
L15	LMX "Red"	Lubrimatic,	Eye Contact: Promptly	Heating product	Flash Point:	Stable

	Grease	Chemtool Incorporated	<p>wash eyes with lots of water, while lifting eyelids. Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Inhaled: Move exposed person to fresh air, provide respiration as needed. Swallowed: Do NOT induce vomiting. Drink large amounts of water. Do NOT give milk or oil. If vomiting occurs, keep head low so stomach content doesn't get into the lungs. Seek medical attention.</p>	<p>may cause respiratory irritation and nausea. Product may cause mild eye or skin irritation, and is hazardous if swallowed.</p>	<p>450F, Flammable Limits N/A</p>	<p>Avoid contact with acids and oxidizing substances.</p>
L16	Webril Wipes	Fiberweb, Inc.	<p>Eye Contact: Rinse eyes with water for at least 15 minutes. Skin Contact: Wash affected area with soap and water. Inhaled: N/A Swallowed: N/A</p>	<p>May cause mild eye and skin irritation.</p>	<p>Flash Point:>59C, Flammable Limits N/A</p>	<p>Stable</p>
L17	Dullit	Graphic Chemical Co.	<p>Eye Contact: Rinse eyes with water for at least 15 minutes. Skin Contact: Wash with plenty of water. Inhaled: Remove to fresh air. Provide breathing assistance and medical attention as needed.</p>	<p>Chemical Name: Silicon Dioxide May cause irritation to eye and skin, or discomfort when inhaled. Harmful if swallowed.</p>	<p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p> <p>This material will react with hydrofluoric acid and strong alkaline solutions.</p>

			Swallowed: Do NOT induce vomiting. Wash out mouth with water. Give ½ pint of water to drink, and obtain medical attention.			
L18	PN Red Developer	Western Lithotech (Western Litho Plate and Supply Co.)	For prolonged exposure, flush skin with water. Consult a physician for eye contact, and treat as a weak acid. Product isn't classified as a primary irritant.	Slight skin irritant may occur after prolonged contact.	Flash Point N/A, Flammable Limits N/A	Stable
L19	Mutton Tallow	Graphic Chemical Co.	Eye Contact: Rinse eyes with water for at least 15 minutes. Remove contacts. Skin Contact: Rinse skin gently with soap and water for 15-20 minutes. Inhaled: Loosen clothing as necessary and move to fresh air. Provide oxygen, respiration, and medical attention as necessary. Swallowed: Do NOT induce vomiting. Rise mouth thoroughly, and take sips of water. Seek medical attention for irritation, discomfort, or vomiting.	Health:0 Not classified for physical or health hazards under GHS	Flammability: 0 Flash Point N/A, Flammable Limits N/A	Reactivity:0 Stable
L20	Positive Deletion Gel- Pink	Printstar/Kodak Polychrome Graphics	Eye Contact: Rinse eyes with water for at least 15 minutes. Remove contacts.	May cause mild eye and skin irritation.	Flash Point N/A, Flammable Limits N/A	Stable Incompatible with

			<p>Skin Contact: Remove contaminated clothing. Flush skin with plenty of water.</p> <p>Inhaled: Rest in a well ventilated area, seek medical attention as necessary.</p> <p>Swallowed: Do NOT induce vomiting. Drink several glasses of water. Seek medical attention.</p>			strong oxidizing agents, and some alkalis
L21	Standard Negative Coating	Western Lithotech	Consult a physician for eye contact. Treat as a weak acid. Product is not classified as a primary irritant.	Product considered non-hazardous.	Flash Point N/A, Flammable Limits N/A	Stable
L22	Darmar Gum	MC&B/Sciencelab.com/Chemtrec	<p>Eye Contact: Rinse eyes with water for a few minutes.</p> <p>Skin Contact: Wash immediately with plenty of water and non-abrasive soap. Cover irritated skin with emollient.</p> <p>Inhaled: Rest in a well ventilated area, seek medical attention.</p> <p>Swallowed: Do NOT induce vomiting. Loosen tight clothing at collar and waist. Seek medical attention.</p>	Hazardous in case of ingestion. Slightly hazardous in case of eye or skin contact, and inhalation.	Flash Point N/A, Flammable Limits N/A	Stable

L23	Lithographic Crayons	Stone Crayons	Thoroughly was with soap and water. For eye irritation, flush eyes with clean water.	Product considered non-hazardous.	Flash Point: Above 300F, Flammable Limits N/A	Stable
L24	Lithographic Tusche (Solid)	William Korn Inc.	Eye Contact: Flush eyes with water for 15 minutes. Skin Contact: Wash skin with soap and water. Inhaled: N/A Swallowed: Unlikely to be toxic by ingestion. Seek medical attention as necessary.	Hazardous Components:None	Flash Point: 470F, Flammable Limits N/A	Stable
L25	Litho Varnish(Graphic Litho Linseed Varnish)	Graphic Chemical and Ink Company	Eye Contact: Flush with water. Skin Contact: Wash affected area with water	Hazardous Ingredients: None	Flash Point: Above 200F, Flammable Limits N/A	Stable Avoid strong oxidizing materials.
L26	Plews Multi-Purpose Lithium Grease	LubriMatic/Cato Oil and Grease	Eye Contact: Flush eyes with water for at least 15 minutes, occasionally lifting upper and lower lids. Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Inhaled: Remove to fresh air. Provide oxygen, respiration, and seek medical attention as needed. Swallowed: Seek medical attention.	May cause irritation to skin and eyes, and possible nausea and diarrhea if ingested.	Flash Point N/A, Flammable Limits N/A	Stable Avoid heat and strong oxidizers.

L27	Aluminum Oxide Grit	Graphic Chemical Co./Kramer Industries, Inc.	<p>Eye Contact: Flush with copious amounts of water for 15 minutes.</p> <p>Skin Contact: Wash thoroughly with soap and water.</p> <p>Inhaled: Remove to fresh air.</p> <p>Swallowed: Do NOT induce vomiting. Drink water or milk. Seek medical attention.</p>	<p>No Hazardous Components</p> <p>May cause irritation in case of eye or skin contact, inhalation, or ingestion</p>	<p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p> <p>Incompatible with strong oxidizers.</p>
L28	Carborundum Grit (Black silicon Carbide)	Graphic Chemical Co./C-E Minerals	<p>Eye Contact: Flush eyes with lukewarm water for at least 15 minutes, occasionally lifting upper and lower lids.</p> <p>Skin Contact: Remove contaminated clothing. Wash affected area with soap and water.</p> <p>Inhaled: Remove to fresh air.</p> <p>Swallowed: None required for small amounts. Seek medical attention if large amounts are ingested.</p>	<p>Health: 0</p> <p>Particulate matter may scratch or irritate eyes, and cause minor skin and respiratory irritation. Relatively non-toxic if ingested.</p>	<p>Flammability:0</p> <p>Flash Point N/A, Flammable Limits N/A</p>	<p>Reactivity: 0</p> <p>Stable</p>

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L29	Talc Powder	EMD Chemicals Inc.	<p>Eye Contact: Remove contact lenses. Flush with plenty of water for at least</p>	<p>Cancer Hazard. Contains Crystalline Silica</p>	<p>Flash Point N/A, Flammable Limits N/A</p>	<p>Stable</p>

			<p>15 minutes. Skin Contact: Remove contaminated clothing. Wash affected area with plenty of water. Inhaled: Remove to fresh air. Provide oxygen and medical attention as needed. Swallowed: Do NOT induce vomiting, unless directed by a medical professional. Loosen tight clothing at collar and waist. Seek medical attention.</p>	<p>which may cause cancer, and damage to the eye, and respiratory tract.</p>		
L30	Lithographic Crayons	William Korn, Inc.	<p>Eye Contact: Flush eyes with water for 15 minutes. Skin Contact: Wash skin with soap and water. Inhaled: N/A Swallowed: Unlikely to be toxic by ingestion. Seek medical attention as necessary.</p>	None	<p>Flash Point: 470F, Flammable Limits N/A</p>	Stable
L31	Paste or Stick Tusche	Stones Crayons	<p>Thoroughly was with soap and water. For eye irritation, flush eyes with clean water.</p>	<p>May cause mild irritation to skin and eyes. Ingestion may cause mild gastro-intestinal irritation, with nausea, vomiting, and diarrhea.</p>	<p>Flash Point: Above 300F, Flammable Limits N/A</p>	Stable
L32	Liquid Tushe	William Korn, Inc.	Emergency First Aid	None	Flash Point N/A,	Stable

			Procedures N/A		Flammable Limits N/A	
L33	Filmstar FX Solution	Xante Co.	<p>Eye Contact: Remove contacts, and flush with clear running water for at least 15 minutes while holding eyelids open</p> <p>Skin Contact: Remove contaminated clothing. Wash affected area with soap and water.</p> <p>Inhaled: Remove to fresh air, and provide oxygen if breathing is difficult.</p> <p>Swallowed: Give two glasses of water for dilution; do not induce vomiting.</p>	<p>Hazardous Ingredients: Ethylene glycol monobutyl ether, and Ethyl acetoacetate.</p> <p>May cause mild irritation to eyes and skin, and harmful if swallowed.</p>	Flash Point N/A, Flammable Limits N/A	Stable Incompatible with strong oxidizers and acids.
L34	Positive Plate Developer	Takach Press	<p>Eye Contact: Flush with water, and consult a physician</p> <p>Skin Contact: Wash the affected area with soap and water.</p> <p>Inhaled: Remove to fresh air.</p> <p>Swallowed: Give 2 glasses of water. Do not induce vomiting, contact a physician immediately.</p>	<p>May cause mild irritation to eyes and skin, as well as nose and throat irritation if over exposed. If swallowed, may cause abdominal discomfort and pain and possible kidney damage.</p>	Flash Point N/A, Flammable Limits N/A	Stable
L35	Kodalith Super RT Developer- Part A	Kodak	<p>Eye Contact: Flush with water for at least 15 minutes while holding</p>	<p>May cause irritation to eyes and skin. Harmful if</p>	Flash Point N/A, Flammable Limits N/A	Avoid strong oxidizing agents, acids, and alkalis.

			<p>eyelids open. Skin Contact: Wash with soap and water. Inhaled: Remove to fresh air. Provide oxygen as needed. Swallowed: Induce vomiting immediately as directed by a medical professional. Seek medical attention/poison control immediately.</p>	swallowed or inhaled.		Contact with acid/base liberates harmful gas.
L36	Arista Arifix Powder, B&W	Freestyle Photographic Supplies	<p>Eye Contact: Flush with water for at least 15 minutes while holding eyelids open. Skin Contact: Flush skin with plenty of water and a non-alkaline skin cleaner. Inhaled: Remove to fresh air. Provide oxygen as needed. Swallowed: Rinse mouth with water. Seek medical attention/poison control.</p>	Health:1 May cause skin, eye, and respiratory irritation. May be harmful if swallowed or enters airways.	Flammability: 0 Flash Point N/A, Flammable Limits N/A	Reactivity:0 Stable Incompatible with strong oxidizers and acids.
L37	Artista Litho Developer A&B Powder- B&W	Freestyle Photographic Supplies	<p>Eye Contact: Immediately flush with water for at least 15 minutes. Skin Contact: Remove contaminated clothing, and wash skin with soap and water. Inhaled: Remove to fresh air. Provide oxygen as</p>	May cause irritation to skin, eyes, respiratory, and digestive tracts.	Flash Point N/A, Flammable Limits N/A	Stable Incompatible with strong oxidizers, alkalis, and acids.

			needed. Swallowed: Give large quantities of water or milk(2-3 glasses). Do NOT induce vomiting. Contact poison control.			
L38	Artista Indicator Stop Bath- B&W	Freestyle Photographic Supplies	Eye Contact: Immediately flush with water for at least 15 minutes, lifting upper and lower lids. Skin Contact: Remove contaminated clothing, and flush skin with water and a non-alkaline skin cleaner. Inhaled: Remove to fresh air. Provide oxygen as needed. Swallowed: Do NOT induce vomiting. Contact poison control or a physician. Give large quantities of water to dilute stomach contents.	May cause severe skin burns and eye damage and is hazardous/corrosive if swallowed.	Flash Point N/A, Flammable Limits N/A	Stable Avoid contact with oxidizers and reducing agents.
L39	Standard Palette Litho Ink	Hanco	Eye Contact: Flush with copious amounts of water for at least 15 minutes, while holding eyelids open Skin Contact: Wash with soap and water for at least 15 minutes. Inhaled: Remove to fresh air. Swallowed: Do NOT induce vomiting. Seek	Health: 1 May cause skin, eye, and respiratory irritation.	Flammability: 0 Flash Point N/A, Flammable Limits N/A	Reactivity: 0 Stable Avoid strong oxidizing agents.

			medical attention.			
L40	Standard Palette Tint Base Litho Ink	Hanco	<p>Eye Contact: Flush with copious amounts of water for at least 15 minutes, while holding eyelids open</p> <p>Skin Contact: Wash with soap and water for at least 15 minutes.</p> <p>Inhaled: Remove to fresh air.</p> <p>Swallowed: Do NOT induce vomiting. Seek medical attention.</p>	May cause skin, eye, and respiratory irritation.	Flash Point N/A, Flammable Limits N/A	Stable Avoid strong oxidizing agents.
L41	Litho Ink- Roll up Black	Carbonnel	<p>Eye Contact: Wash with plenty of water</p> <p>Skin Contact: Wash with soap and water.</p> <p>Inhaled: Unlikely.</p> <p>Swallowed: Do NOT induce vomiting. Seek medical attention. Rinse mouth with water and give plenty of water to drink.</p>	Not classified.	Flash Point N/A, Flammable Limits N/A	Stable
L42	Litho Ink- Roll up Black	Graphic Chemical & Ink Co.	<p>Eye Contact: Flush eyes with water.</p> <p>Skin Contact: Wash with soap and water.</p>	Not classified.	Flash Point: 550F, Flammable Limits N/A	Stable
