SAFETY DATA SHEET

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Chestnut Product Code: 25-SC30-206

WESTCOAT SPECIALTY COATING SYSTEMS
4007 Lockridge St
San Diego, CA 92102

Information Telephone: 800-250-4519
Emergency Telephone: 800-424-9300

Section 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Reproductive toxin	1B	Presumed, Based on experimental animals

GHS Hazards

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P262	Do not get in eyes, on skin, or on clothing
P264	Wash … thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P310	Immediately call a POISON CENTER or doctor/physician
P330	Rinse mouth
P363	Wash contaminated clothing before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P405	Store locked up

Signal Word: Danger

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Iron	7439-89-6	10.00% - 20.00%
Sodium dichromate	10588-01-9	10.00% - 20.00%
Iron chloride (FeCl2)	7758-94-3	5.00% - 10.00%
Hydrochloric acid	7647-01-0	5.00% - 10.00%

Section 4 - FIRST AID MEASURES

First aid measures for different exposure routes

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

EYE CONTACT: Immediately flush eyes with plenty of water for a least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cups full of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.
Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

Section 5 - FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use dry chemical, Carbon dioxide, or regular foam.

FIREFIGHTING PROCEDURES: Move container away from fire area without risk. From a safe distance and keeping upwind, apply flooding amounts of water to sides of container exposed to fire for cooling purposes until well after the fire is extinguished.

SPECIAL FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus. Extinguish using suitable agents for type of fire.

UNUSUAL FIRE HAZARDS: Hydrogen gas may form explosive mixtures in the air. At high temperature, toxic corrosive fumes of anhydrous gas may be emitted.

Section 6 - ACCIDENTAL RELEASE MEASURES

General: Clear all non-essential personnel from spill area. If indoors ventilate the area. Remove all sources of ignition. Provide cleanup personnel with proper protective equipment such as gloves, eyewear, protective clothing and breathing equipment as required.

Cleanup of Small Spills: Dike or impound material to prevent spreading and prevent further spillage if possible. Cover spill with appropriate absorbent material. Collect material in appropriate container or vessel. Remove containers to safe area and cover to await reclamation or disposal. Area may be rinsed with water but do not allow it to be flushed into sewers or natural waterways.

Cleanup of Large Spills: Contain material as above and contact local fire or police department for immediate emergency response.

Section 7 - HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING: Dispose of empty container according to all regulations. Do not reuse this container. Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. When mixing, slowly add acid to water to minimize heat generation and spattering. Never add water to acid. Keep container tightly closed when not in use. Keep container properly labeled.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Keep container tightly closed when not in use. Store in a cool, dry place away from direct sunlight and heat to avoid container deterioration. Avoid storage at extreme high or low temperatures. Protect from freezing. Keep container properly labeled. Keep separated from incompatible substances. Store in acid-resistant plastic, glass containers, or rubber-lined steel containers. Do not store in aluminum containers or use aluminum fittings or transfer lines.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Iron 7439-89-6	Not Established	Not Established	Not Established
Sodium dichromate 10588-01-9	Not Established	Not Established	Not Established
Iron chloride (FeCl2) 7758-94-3	Not Established	Not Established	Not Established
Hydrochloric acid 7647-01-0	Not Established	2 ppm Ceiling	NIOSH: 5 ppm Ceiling; 7 mg/m3 Ceiling

Individual protection measures, such as personal protective equipment

RESPIRATION PROTECTION: Use proper NIOSH-OSHA respirator for contamination levels found in work area.

VENTILATION: Use close system when possible. Provide local exhaust ventilation where vapor or mist may be generated. Ensure compliance with appliance exposure limits.

PROTECTIVE GLOVES: Wear impermeable glove. Glove contaminates with product should be discarded. Promptly remove clothing that becomes soiled with products.

EYE PROTECTION: Must wear splash-proof goggles or full-face shield to prevent exposure.

PROTECTIVE EQUIPMENT: Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Various application methods can dictate use of additional protective safety equipment, such as impermeable apron, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that cannot be decontaminated, such as glove or shoes.

WORK / HYGIENE PRACTICES: Exercise stringent hygiene practices to minimize exposure. If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid	**Odor :** Acidic
Odor threshold : N/A	**PH :** 2-3
Melting point : N/A	**Boiling point :** N/A
Flash Pt(F/C) : N/A	**Evaporation rate :** <1 (Butyl Acetate=1)
Flammability (solid, gas) : Non combustible	**LEL/UEL :** N/A
Vapor pressure : N/A	**Vapor density :** N/A
Relative density : 1.27-1.33	**Solubility :** Soluble
Partition coefficient:n-octanol/water : N/A	**Autoignition temp :** N/A
Decomposition temp : N/A	**Viscosity :** N/A

Section 10 - STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions.

INCOMPATIBILITY: With strong oxidizing agents, strong caustics, alkalis and alkali metals, and common and active metal (which produce flammable hydrogen gas).

DECOMPOSITION OR BY PRODUCTS: In fire conditions products may include toxic and hazardous gases including fumes of hydrogen chloride, oxide of copper and chromium oxides.

HAZARDOUS POLYMERIZATION: Not reported to occur under normal temperatures and pressures.

Section 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 328mg/kg
Inhalation Toxicity LC50: 1mg/L

Component Toxicity

7439-89-6	Iron Oral LD50: 984 mg/kg (Rat)
10588-01-9	Sodium dichromate Oral LD50: 46 mg/kg (Rat) Dermal LD50: 960 mg/kg (Rabbit) Inhalation LC50: 0 mg/L (Rat)
7758-94-3	Iron chloride (FeCl2) Oral LD50: 450 mg/kg (Rat)
7647-01-0	Hydrochloric acid Oral LD50: 238 - (Rat) Inhalation LC50: 2 mg/L (Rat)

Exposure to this material may affect the following organs:

Effects of Overexposure

EYE CONTACT: Severe eye irritation, conjunctivitis, corneal necrosis and burns with impairment or permanent eye damage.

SKIN CONTACT: Severe irritation, inflammation, ulceration, necrosis and chemical burns.

INGESTION: Burns of the mouth, throat, esophagus and stomach with consequent pain, uneasiness, nausea, salivation, vomiting, diarrhea, chills, shock and intense thirst.

INHALATION: Burning of the throat, coughing and choking.

CAS Number	Description	% Weight	Carcinogen Rating
10588-01-9	Sodium dichromate	10 to 20%	Sodium dichromate: IARC: Human carcinogen OSHA: listed EU REACH: Present

Section 12 - ECOLOGICAL INFORMATION

Component Ecotoxicity

Sodium dichromate	96 Hr LC50 Pimephales promelas: 33.2 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 69 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 213 mg/L [static] 48 Hr EC50 Daphnia magna: 0.098 - 0.129 mg/L

Section 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and disposed of in accordance with regulations. Rinse water from the neutralization and cleaning of newly stained surfaces, may contains amounts of sodium dichromate that exceed federal hazardous waste limits. Consult local and federal guidelines for proper disposal of these materials.

OTHER PRECAUTIONS: Air Spill - knock down vapors with water spray, contain water as it may become corrosive and dispose of properly.

Section 14 - TRANSPORT INFORMATION

This material is classified for transport as follows:

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Corrosive liquids, n.o.s (Hydrochloric Acid)	UN1760	III	8

Section 15 - REGULATORY INFORMATION

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

10588-01-9 Sodium dichromate 10 to 20 %

CERCLA-SARA Hazard Category: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

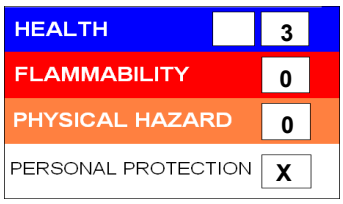
10588-01-9 Sodium dichromate 10 to 20 %
7758-94-3 Iron chloride (FeCl2) 5 to 10 %
7647-01-0 Hydrochloric acid 5 to 10 %

Sara Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None

Section 16 - OTHER INFORMATION

Hazardous Material Information System (HMIS)



HMIS & NFPA Hazard Rating Legend
*** = Chronic Health Hazard**
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

Westcoat Specialty Coating Systems believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Westcoat Specialty Coating Systems makes no warranty expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination . It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Date Prepared: 7/13/2020