

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION

Feb 23, 2010

41.005015

2010

SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

41.005015

PRODUCT NAME

H & C[®] Acetone Dye Stain, Desert Orange

MANUFACTURER'S NAME

H&C CONCRETE STAINS

101 Prospect Avenue N.W.

Cleveland, OH 44115

Telephone Numbers and Websites

Regulatory Information (216) 566-2902

www.paintdocs.com

Medical Emergency (216) 566-2917

Transportation Emergency* (800) 424-9300

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

SECTION 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Ingredient	Exposure Units
Proprietary	C. I. Solvent Yellow	ACGIH TLV 0.5 mg/M3
		OSHA PEL 1 mg/M3
maximum 6	Chromium III (as Cr)	

SECTION 3 -- HAZARDS IDENTIFICATION

HMIS Codes

Health 1

Flammability 1

Reactivity 0

ROUTES OF EXPOSURE

INHALATION of dust.

EYE or SKIN contact with the product or dust.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure to dust may cause irritation.

INHALATION: Irritation of the upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May cause skin irritation in chromium-sensitive individuals.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

SECTION 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT -- Not Applicable

LEL -- Not Available

UEL -- Not Available

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dust at sufficient concentrations can form explosive mixtures with air.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- * Remove all sources of ignition.
- * Sweep up material taking care not to generate airborne dust.

SECTION 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store in a cool, dry area out of direct sunlight.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

SECTION 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

This product may be toxic to aquatic life. Avoid runoff which might result in contamination of ponds, streams, or other waterways.

Use only with adequate ventilation. Avoid eye and prolonged skin contact with dust. Avoid generating or breathing airborne dust. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

None normally required when handling this product alone.

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PROTECTIVE GLOVES

Dust impervious gloves are recommended for all contact to avoid skin irritation and skin coloring.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	11.6 lb/gal	1400 g/l
SPECIFIC GRAVITY	1.4	
BOILING POINT	Not Applicable	
MELTING POINT	Not Available	
VOLATILE VOLUME	0%	
EVAPORATION RATE	N.A.	
VAPOR DENSITY	N.A.	
SOLUBILITY IN WATER	N.A.	

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)
0.00lb/gal 0g/l Less Water and Federally Exempt Solvents
0.00lb/gal 0g/l Emitted VOC

SECTION 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

High concentrations of airborne dust which may ignite explosively.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide , Oxides of Nitrogen,
Oxides of Metals in Section 2

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

CAS No.	Ingredient Name
Proprietary	C. I. Solvent Brown
LC50 RAT 4HR	Not Available
LD50 RAT	Not Available

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LC50 RAT 4HR	Not Available
LD50 RAT	Not Available

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SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Toxic to aquatic organisms. May cause long-term adverse effects to aquatic environments.

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SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for extractability to determine the applicable EPA hazardous waste no.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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SECTION 14 -- TRANSPORT INFORMATION

US Ground (DOT)

Not regulated for transportation.

Canada (TDG)

Not regulated for transportation.

IMO

Not regulated for transportation.

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SECTION 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
	Chromium (III) Compound	100	max 6
	Cobalt Compound	100	max 4

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

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SECTION 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.