

===== SECTION I - IDENTIFICATION OF MATERIAL AND SUPPLIER =====

PRODUCT NAME: BROWN DYE STAIN
PRODUCT CODE: 11-7-104

MANUFACTURER'S NAME: R. J. McGLENNON CO. INC.
ADDRESS : 198 UTAH ST.
SAN FRANCISCO, CA 94103

EMERGENCY PHONE : (800)424-9300
INFORMATION PHONE : (415)552-0311
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===== SECTION II - HAZARDOUS IDENTIFICATION =====

OSHA REGULATORY STATUS

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

ACUTE TOXICITY - ORAL	CATEGORY 4 H302
ACUTE TOXICITY - DERMAL	CATEGORY 4 H312
ACUTE TOXICITY - INHALATION (VAPORS)	CATEGORY 4 H332
SKIN CORROSION/IRRITATION	CATEGORY 2 H315
SERIOUS EYE DAMAGE/EYE IRRITATION	CATEGORY 2B H320
CARCINOGENICITY	CATEGORY 2 H351
REPRODUCTIVE TOXICITY	CATEGORY 2 H361
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)	CATEGORY 2 H373
CHRONIC AQUATIC TOXICITY	CATEGORY 3 H412
FLAMMABLE LIQUIDS	CATEGORY 2 H225
FLAMMABLE LIQUIDS	CATEGORY 3 H226
SLOT, SINGLE EXPOSURE	CATEGORY 3 H335
EYE IRRITATION	CATEGORY 2 H319

LABEL ELEMENTS

- HEALTH HAZARD
- FLAME
- EXCLAMATION MARK

EMERGENCY OVERVIEW STATEMENTS

HAZARD STATEMENTS

- HARMFUL IF SWALLOWED
- HARMFUL IF INHALED
- CAUSES SKIN IRRITATION
- CAUSES EYE IRRITATION
- SUSPECTED OF CAUSING CANCER
- SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
- MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE
- HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS
- FLAMMABLE LIQUID AND VAPOR

PRECAUTIONARY STATEMENTS - PREVENTION

- OBTAIN SPECIAL INSTRUCTIONS BEFORE USE
- DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD
- USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED
- USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA

WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING
 DO NOT BREATHE MIST, VAPORS, SPRAY
 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING
 KEEP CONTAINER TIGHTLY CLOSED
 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT
 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT
 USE ONLY NON-SPARKING TOOLS
 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE
 AVOID RELEASE TO THE ENVIRONMENT

PRECAUTIONARY STATEMENTS - RESPONSE
 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION
 IF IN EYES: RINSE CAUTIONASLY WITH WATER FOR SEVERAL MINUTES. REMOVED CONTACT LENSES, IF PRESENTS AND EASY TO DO.
 CONTINUE RINSING IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION
 CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
 IF SIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION
 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER
 WASH CONTAMINATED CLOTHING BEFORE REUSE
 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
 IN CASE OF FIRE: USE CO2, DRY CHEMICAL, OR FOAM TO EXTINGUISH

PRECAUTIONARY STATEMENTS - STORAGE
 STORE IN A WELL-VENTILATED PLACE. KEEP COOL

PRECAUTIONARY STATEMENTS - DISPOSAL
 DISPOSE OF CONTENTS/CONTAINER TO INDUSTRIAL INCINERATION PLANT
 DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED OTHER INFORMATION
 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

HAZARDS NOT OTHERWISE CLASSIFIED (HNO) OTHER INFORMATION
 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS AND CRACKING

===== SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS =====

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
ACETONE	67-64-1	70.5
PARACHLOROBENZOTRIFLUORIDE	98-56-6	14.0
* # GLYCOL ETHER EB	111-76-2	12.65
* Constituent of Dye Color (organic chromium 3 compound)	N090	2.95

* Indicates this product contains EPCRA section 313 chemical(s) subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).
 This information must be included in all MSDS's that are copied and distributed for this material. *# Note for Glycol Ether EB - this solvent is no longer on the 40CFR63.112 HAPS list but it is EPCRA section 313 reportable

WARNING: This product contains flammable solvent(s).

===== SECTION IV - FIRST-AID MEASURES =====

IF ON SKIN: FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF ANY IRRITATION DEVELOPS SEEK MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY CLOTHING BEFORE REUSE.

IF IN EYES: FLUSH WITH WATER WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

FOR INHALATION, REMOVE TO FRESH AIR, AND IF NAUSEA OR DIZZINESS DEVELOPS, SEEK MEDICAL ATTENTION.

IF SWALLOWED DO NOT INDUCE VOMITTING (MATERIAL COMPONENTS PRESENT AN ASPIRATION HAZARD) PLACE PERSON ON LEFT SIDE AND SEEK MEDICAL ATTENTION.

===== SECTION V - FIRE-FIGHTING MEASURES =====

FLASH POINT: 15 Deg.F. METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY % OF VOLUME- LOWER: 1.1% UPPER: 12.8%

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CONTAINERS EXPOSED TO EXTREME HEAT. WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN EXPLODE. DURING TRANSFER OPERATIONS, ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS (TANK CARS AND TANK TRUCKS) SHOULD BE GROUNDED TO DISSIPATE STATIC CHARGES. VAPORS ARE HEAVIER THAN AIR, AND CAN TRAVEL ALONG THE GROUND TO IGNITION SOURCES.

===== SECTION VI - ACCIDENTAL RELEASE MEASURE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS), PREVENT SPREAD OF MATERIAL.

===== SECTION VII - HANDLING AND STORAGE =====

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE ABOVE 120 DEG.F. DO NOT STORE OR USE NEAR HEAT, SPARKS, OPEN FLAMES, OR ANY SOURCE OF IGNITION. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS EVEN WHEN EMPTIED-SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

OTHER PRECAUTIONS

AVOID SKIN AND EYE CONTACT. DO NOT BREATHE VAPORS. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. RAGS SOAKED WITH THIS MATERIAL SHOULD BE SOAKED WITH WATER AND STORED IN A CLOSED CONTAINER SO AS TO PREVENT DEVELOPMENT OF HEAT OR FIRE FROM BUNCHED RAGS. ALL PERSONS WHO USE THIS MATERIAL SHOULD READ AND UNDERSTAND ALL MANUFACTURERS' INSTRUCTIONS AND PRECAUTIONS PRIOR TO USE. THIS MATERIAL IS INTENDED FOR USE IN AN INDUSTRIAL ENVIRONMENT BY TRAINED PERSONNEL ONLY.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION=====

EXPOSURE LIMITS ON REPORTABLE COMPONENTS

CAS NUMBER

ACETONE

67-64-1

OSHA PEL EXPOSURE LIMIT: 750 ppm - TWA

ACGIH TLV EXPOSURE LIMIT: 750 ppm - TWA
 OSHA STEL : 1000 ppm
 PARACHLOROBENZOTRIFLUORIDE 98-56-6
 PEL: Not Established
 TLV: Not Established
 * # GLYCOL ETHER EB 111-76-2
 OSHA PEL EXPOSURE LIMIT: 25 ppm TWA
 ACGIH TLV EXPOSURE LIMIT: 25 ppm skin
 OSHA TWA EXPOSURE LIMIT: 240 mg/cu.m.
 * Constituent of Dye Color (organic chromium 3 compound) N090
 OSHA PEL 5mg/m3

RESPIRATORY PROTECTION

IF WORKPLACE EXPOSURE LIMITS(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (CHEMICAL TYPE WITH ORGANIC VAPOR CARTRIDGE) - CONSULT YOUR INDUSTRIAL HYGIENIST.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN ALL SECTION II COMPONENTS BELOW THEIR EXPOSURE LIMITS.

PROTECTIVE GLOVES

WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

EYE PROTECTION

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING, GLOVES, AND BOOTS.

WORK/HYGIENIC PRACTICES

WASH HANDS PRIOR TO EATING. DO NOT SMOKE NEAR THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

BOILING RANGE: 133 Deg F - 336 Deg F **SPECIFIC GRAVITY (H2O=1):** .87
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: TRANSLUCENT COLORED LIQUID WITH ORGANIC SOLVENTS ODOR

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	
		MM HG	@ TEMP
ACETONE	67-64-1	185.0	68 Deg F
PARACHLOROBENZOTRIFLUORIDE	98-56-6	5.3	20 Deg C
* # GLYCOL ETHER EB	111-76-2	0.40	20 Deg C
* Constituent of Dye Color (organic chromium 3 compound)	N090		

===== SECTION X - STABILITY AND REACTIVITY =====

STABILITY

STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID

ALL SOURCES OF IGNITION: HEAT, SPARKS, STATIC ELECTRICITY, OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON COMPOUNDS

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION. OTHER INHALATION SYMPTONS CAN INCLUDE NAUSEA, DIZZINESS, HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: EXPOSURE CAUSES SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, AND CRACKING. EYES:PRIMARY IRRITATION. SYMPTOMS INCLUDE STINGING, TEARING, REDNESS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION IS POSSIBLE, AND MAY BE HARMFUL. BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM INCIDENTAL CONTACT THROUGH NORMAL USE.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SWALLOWING IS HARMFUL. SYMPTOMS INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

HEALTH HAZARDS (ACUTE AND CHRONIC)

NONE KNOWN ON PRODUCT AS SUPPLIED

HOWEVER, OVER EXPOSURE TO SECTION II COMPONENTS CAN CAUSE DIZZINESS, NAUSEA OR HEADACHE. EXCESSIVE SKIN CONTACT CAN CAUSE DERMATITUS. EYE CONTACT CAN CAUSE IRRITATION.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

THIS MATERIAL IS NOT EXPECTED TO BE CARCINOGENIC IN HUMANS BASED ON NEGATIVE EVIDENCE OF CARCINOGENICITY IN LABORATORY ANIMALS. THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA. SEE OTHER WARNINGS IN SECTION II. SUSPECTED OF CAUSING CANCER. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

OVER EXPOSURE TO SECTION II COMPONENTS CAN AGGRAVATE PRE-EXISTING DISORDERS OF KIDNEYS, LIVER AND RESPIRATORY SYSTEM.

===== SECTION XII - ECOLOGICAL INFORMATION =====

ECOLOGICAL INFORMATION: NO RELEVANT DATA FOUND
MOBILITY IN SOIL: NO RELEVANT DATA FOUND
OTHER ADVERSE EFFECTS: NO RELEVANT DATA FOUND

===== SECTION XIII - DISPOSAL CONSIDERATION =====

WASTE DISPOSAL METHOD

HAZARDOUS WASTE REGULATIONS ARE NOT CONSISTENT THROUGHOUT THE COUNTRY (SOME WASTES ARE NOT HAZARDOUS WASTE UNDER FEDERAL RULES, BUT THE SAME WASTE MAY BE DEFINED AS HAZARDOUS WASTE UNDER STATE RULES).

ANY SPILLS SHOULD BE SOAKED UP WITH INERT ABSORBANT AND COLLECTED IN CONTAINERS. PAINT BOOTH FILTERS MAY BE CONSIDERED HAZARDOUS.

CONTACT YOUR LOCAL HAZARDOUS WASTE AGENCY (WITH INFORMATION FROM THIS MSDS) FOR PROPER DISPOSAL INSTRUCTIONS.

===== SECTION XIV - TRANSPORT INFORMATION =====

DOT / TDG / MEX

UN-NO	UN1263
PROPER SHIPPING NAME	PAINT
HAZARD CLASS	3
PACKING GROUP	II
NAERG:	127

IATA / IMDG / IMO

UN-NO	UN1263
PROPER SHIPPING NAME	PAINT
HAZARD CLASS	3
PACKING GROUP	PGII
PACKING INSTRUCTIONS	355;366
NAERG:	127
EMS-NO	F-E, S-E

===== SECTION XV - REGULATORY INFORMATION =====

SARA 313 REPORTABLE COMPONENTS CAN BE FOUND IN SECTION III COMPOSITION

SARA 313 HAZARDOUS CATEGORIZATION

ACUTE HEALTH HAZRD	YES
CHRONIC HEALTH HAZARD	YES
FIRE HAZARD	YES
SUDDEN RELEASE OF PRESSURE HAZRD	NO
REACTIVE HAZRD	NO

STATE REGULATIONS: CALIFORNIA PROPOSITION 65

WARNING: THIS MATERIAL CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 REQUIRES THAT CLEAR AND REASONABLE WARNING BE GIVEN PRIOR TO EXPOSING ANY PERSON TO THIS CHEMICAL

===== SECTION XVI - OTHER INFORMATION =====

THE INFORMATION IN THIS MSDS AND ENVIRONMENTAL DATA SHEET WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR COMPLETENESS. RECIPIENTS ARE ADVISED TO CONFIRM THE CURRENT ACCURACY IN ADVANCE OF NEEDS.