



Buckeye Color & Chemical Company, LLC.

4298 Boy Scout Road

Dover, OH 44622

Phone: (330)-364-4296

Fax: (330)-602-7715

MSDS – Material Safety Data Sheet

REVISION DATE: 4/29/2003

LAMBDA PERM YELLOW 4G

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: LAMBDA PERM YELLOW 4G
CAS NUMBER: 66511-62-6
SYNONYMS: PIGMENT YELLOW 150
CHEMICAL FAMILY: MONOAZO PIGMENT
PRODUCT CODE:
HMIS RATING: HEALTH: 1 Fire: 1 Reactivity: 1

SECTION 2

COMPONENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>CURRENT OSHA LMT</u>
AZO PIGMENT	66511-62-6	100 %	N.E.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT: Not Applicable
DECOMPOSITION POINT: >250 degree F.
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Insoluble
Ph (1% suspension): 7.0
SPECIFIC GRAVITY: 1.60
PERCENT NON-VOLATILE: 100%
APPEARANCE AND ODOR: Yellow powder with no odor
BULK DENSITY: Not determined

SECTION 4

FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Water, DRY CHEMICAL, CO2 FOAM
SPECIAL PROCEDURES: FIREFIGHTERS SHOULD BE EQUIPED WITH NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUST.
UNUSUAL HAZARDS: MAY LIBERATE IRRITATING OR TOXIC FUMES DURING COMBUSTION OR DECOMPOSITION

MATERIAL SAFETY DATA SHEETS
REVISION DATE: 4/29/2003

COLORANT NAME: LAMBDA PERM YELLOW 4G

SECTION 5**REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL CONDITIONS
HAZARDOUS POLYMERIZATION: NOT APPLICABLE
INCOMPATIBILITY: STRONG OXIDIZING AND REDUCING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, OXIDES OF NITROGEN, AND OTHER
POTENTIALLY TOXIC FUMES.

SECTION 6**PERSONAL PROTECTION EQUIPMENT INFORMATION**

RESPIRATORY PROTECTION: APPROVED DUST RESPIRATOR, AVOID INHALATION OF DUST.
PROTECTIVE GLOVES: RUBBER GLOVES
EYE PROTECTION: SAFETY GOGGLES
VENTILATION: USE LOCAL EXHAUST VENTILATION
ADDITIONAL PROTECTIVE MEASURES: NORMAL GOOD WORKING PRACTICES AND HYGIENE SHOULD BE OBSERVED.

SECTION 7**HEALTH HAZARDS**

THRESHOLD LMT VALUES: Not Applicable
LD₅₀ (ORAL RAT): Not Determined
DERMAL IRRITATION-RABBIT: Not Determined
EYE IRRITATION – RABBIT: Not Determined
EFFECTS OF EXPOSURE: May cause eye and skin irritation
LISTED CARCINOGENS: NONE
ADDITIONAL DATA: SEE SECTION 10

SECTION 8**EMERGENCY AND FIRST AID PROCEDURES**

SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAPY WATER. WASH CLOTHING BEFORE REUSE. CONTACT A PHYSICIAN

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, CALL A PHYSICIAN.

INGESTION: IF SWALLOWED, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

ADDITIONAL MEASURES: NONE FOUND

MATERIAL SAFETY DATA SHEETS
 REVISION DATE: 4/29/2003

COLORANT NAME: LAMBDA PERM YELLOW 4G

SECTION 9

SPILL AND DISPOSAL PROCEDURES

SPILL OR LEAK PROCEDURES:

UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND EQUIPMENT. SPILLS SHOULD BE SHOVELED OR VACUUMED AND PLACED INTO CLOSED CONTAINERS FOR PROPER DISPOSAL. GENERATE AS LITTLE DUST AS POSSIBLE.

WASTE DISPOSAL:

WASTE AND WATER DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

SECTION 10

OTHER REGULATORY INFORMATION

TSCA: WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT (TSCA). SECTION 8 (B) OF THE CHEMICAL SUBSTANCE INVENTORY LIST (40 CFR 710)

EINECS: 270-944-8

DOT REGULATIONS: NOT REGULATED

OSHA: THIS PRODUCT IS HAZARDOUS UNDR THE STANDARD OF 29CFR1910.1200

SARA TITLE III: SEC 302: NONE
 SEC 311/312: IMMEDIATE HEALTH HAZARD; DELAYED HEALTH HAZARD
 SEC 313: NICKEL COMPOUND

RCRA: IF DISCARDED IN PURCHASED FORM THIS PRODUCT WOULD NOT BE CONSIDERED A HAZARDOUS WASTE. HOWEVER UNDER RCRA IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE.

STATE LISTINGS:

CA 1 – Warning! This chemical is known to the State of California to cause cancer.

MA - Massachusetts Hazardous Substance List

PA 1 – Pennsylvania Hazardous Substance List

ACUTE EFFECTS OF EXPOSURE: Metallic nickel and certain nickel compounds can cause sensitization dermatitis producing skin eruptions, reddening and itching.

CHRONIC EFFECTS: No applicable information was found concerning any chronic health effects from exposure.

CARCINOGENICITY: Pigment Yellow 150 was evaluated and is not specifically listed as a carcinogen by NTP, IARC or OSHA .

NTP: Nickel and certain nickel compounds have been classified by NTP as “substances or groups of substances which may reasonably be anticipated to be carcinogens. Pigment Yellow 150 was not evaluated for carcinogenicity by NTP

IARC: IARC lists nickel and nickel compounds as Group 1 carcinogens. Pigment Yellow 150 has not been evaluated or classified for carcinogenicity by IARC.

The manufacturer makes no warranties, expressed or implied, as to the accuracy of the information contained herein. The manufacturer shall be liable to the vendee, the vendee's employees, indirect, special, or consequential damage arising out of or in connection with the accuracy, adequacy, or furnishing of such information. Buckeye Color & Chemical Co., LLC assumes no legal responsibility for use or reliance upon these data.