

ITEM: 5W542 - PK12 Crayon Lumber

ORDER: 0070864389

LP NUMBER: U441642425

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A9834

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A9834

Associated Grainger Items
5W542, 5W543

MATERIAL SAFETY DATA SHEET

IMPORTANT NOTICE:

THIS MATERIAL SAFETY DATA SHEET (MSDS) IS ISSUED BY LA-CO INDUSTRIES, INC. (LA-CO) IN ACCORDANCE WITH THE U.S. OSHA HAZARD COMMUNICATION STANDARD, CANADIAN WHMIS CONTROLLED PRODUCTS REGULATIONS, BRITISH CHIP REGULATION 6, AUSTRALIAN NMRCHWS AND ANSI Z400.1-1993 GUIDELINES. THE INFORMATION CONTAINED HEREIN MUST NOT BE ALTERED, DELETED OR ADDED TO, WITH THE EXCEPTION OF ADDING SUPPLIER/IMPORTER INFORMATION IN THE SPACE PROVIDED. LA-CO HAS NO OBJECTION TO ITS MSDS BEING COPIED IF: A) THE COPY IS MADE FOR SAFETY-RELATED PURPOSES; AND B) NO ALTERATIONS OR AMENDMENTS ARE MADE TO THE TEXT OR FORMAT OF THE MSDS, WITH THE EXCEPTION OF ADDING SUPPLIER/IMPORTER INFORMATION IN THE SPACE PROVIDED. LA-CO DOES NOT GUARANTEE THE ACCURACY OF ANY MSDS FOR OUR PRODUCTS WHICH: A) IS NOT PREPARED BY LA-CO; B) IS NOT AUTHORIZED BY LA-CO; C) IS NOT IN THE FORMAT ORIGINALLY SUPPLIED BY LA-CO; OR D) HAS OTHERWISE BEEN AMENDED OR ALTERED BY A THIRD PARTY, WITH THE EXCEPTION OF ADDING SUPPLIER/IMPORTER INFORMATION IN THE SPACE PROVIDED. OFFICIAL LA-CO MSDS'S RESIDE ON ITS WEB SITE AT WWW.LACO.COM.

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LUMBER CRAYON #200

REVISION #: 1.4

MANUFACTURER:
LA-CO INDUSTRIES, INC./MARKAL CO.
1201 PRATT BLVD.
ELK GROVE VILLAGE, IL 60007-5746
USA

INFORMATION TELEPHONE: 847-956-7600

EMERGENCY TELEPHONE:
CALL CHEMTREC:
USA: 800-424-9300
INTERNATIONAL (CALL COLLECT): 1-703-527-3887

CHEMICAL FORMULA: MIXTURE

CAS NO.: NOT APPLICABLE.

DERIVATION: NOT APPLICABLE.

SYNONYMS: NOT APPLICABLE.

GENERAL USE: MULTI-PURPOSE MARKING CRAYON

SUPPLIER/IMPORTER:

DATE PREPARED: JANUARY 10, 1995

DATE REVISED: APRIL 12, 2006

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT CAS NO. %

NO HAZARDOUS INGREDIENTS ACCORDING TO THE U.S. OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200, CANADIAN WHMIS REGULATIONS, BRITISH CHIP REGULATION 6, AND AUSTRALIAN REGULATIONS FOR THE CONTROL OF WORKPLACE HAZARDOUS SUBSTANCES.

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

POTENTIAL HEALTH EFFECTS:

PRIMARY EXPOSURE ROUTES: INGESTION

ACUTE EFFECTS:
EYES: NONE EXPECTED UNDER NORMAL USE.
SKIN: NOT APPLICABLE
INGESTION: MAY UPSET STOMACH.
INHALATION: NONE EXPECTED UNDER NORMAL USE.

CHRONIC EFFECTS:
EYES: NONE KNOWN
SKIN: NONE KNOWN
INGESTION: NONE KNOWN
INHALATION: NONE KNOWN

CARCINOGENICITY: NOT APPLICABLE.

TARGET ORGAN EFFECTS: NOT APPLICABLE.

MEDICAL CONDITIONS AGGRAVATED BY LONG-TERM EXPOSURE: NONE KNOWN

OTHER INFORMATION: NOT APPLICABLE.

SECTION 4 FIRST AID

EYE CONTACT: NONE NEEDED FOR NORMAL USE.

SKIN CONTACT: NOT APPLICABLE

INGESTION: NOT APPLICABLE

INHALATION: NONE NEEDED FOR NORMAL USE.

OTHER INFORMATION: NONE KNOWN

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT (METHOD): APPROXIMATELY 400 DEG. F/200 DEG. C

AUTOIGNITION TEMPERATURE: APPROXIMATELY 470 DEG. F/240 DEG. C

LEL: NOT DETERMINED.

UEL: NOT DETERMINED.

FLAMMABILITY CLASSIFICATION: COMBUSTIBLE SOLID.

EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE, FOAM, DRY CHEMICAL.

HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE KNOWN

FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT:
KEEP PERSONNEL REMOVED AND UPWIND OF ANY FIRE. WEAR FULL FIREFIGHTING TURN-OUT GEAR (FULL BUNKER GEAR), AND RESPIRATORY PROTECTION (SCBA).

SECTION 6 ACCIDENTAL RELEASE MEASURES

USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8).

SMALL SPILL: SWEEP OR SCRAPE UP.

LARGE SPILL:
GENERALLY TREAT AS A SMALL SPILL. IF LARGE QUANTITIES ARE EXPOSED TO EXCESSIVE HEAT, THIS PRODUCT MAY MELT. ALLOW MELTED MATERIAL TO COOL AND THEN SCRAPE UP.

SECTION 7 HANDLING AND STORAGE

HANDLING PRECAUTIONS:
USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS:
STORE AWAY FROM INCOMPATIBLE CHEMICALS (SEE SEC. 10). STORE IN A COOL, DRY AREA.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION:
SUITABLE FOR RELATED ACTIVITIES WHERE THIS PRODUCT IS USED.

SKIN/HAND PROTECTION:
SUITABLE FOR RELATED ACTIVITIES WHERE THIS PRODUCT IS USED.

RESPIRATORY PROTECTION:
SUITABLE FOR RELATED ACTIVITIES WHERE THIS PRODUCT IS USED.

OTHER EQUIPMENT: SUITABLE FOR RELATED ACTIVITIES WHERE THIS PRODUCT IS USED.

ENGINEERING CONTROLS:
SUITABLE FOR RELATED ACTIVITIES WHERE THIS PRODUCT IS USED.

ADMINISTRATIVE CONTROLS:
USERS OF THIS PRODUCT MUST BE PROPERLY TRAINED AND QUALIFIED IN ITS USE.

OTHER INFORMATION:
NO FOOD OR BEVERAGE SHOULD BE CONSUMED IN THE WORK AREA. WASH THOROUGHLY BEFORE EATING, DRINKING, OR SMOKING.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: SOLID HEXAGONAL CRAYON.

ODOR: WAX LIKE.

ODOR THRESHOLD (PPM): NOT DETERMINED.

SPECIFIC GRAVITY (H₂O = 1): >1

pH: NOT APPLICABLE

MELTING POINT: APPROXIMATELY 130 DEG. F/55 DEG. C

BOILING POINT: NOT DETERMINED

VAPOR PRESSURE (MMHg AT 20 DEG. C): NOT APPLICABLE

VAPOR DENSITY (AIR = 1): NOT APPLICABLE

EVAPORATION RATE (n-BuAc=1): NOT APPLICABLE

V.O.C. (U.S. CLEAN AIR ACT SECTION 111): 0%(W/W)

SOLUBILITY:
WATER: INSOLUBLE
FAT: SOLUBLE

COEFFICIENT OF WATER/OIL SOLUBILITY: <1

PARTITION COEFFICIENT (n-OCTANOL/WATER): >1

FLASH POINT (METHOD): (SEE SECTION 5)

AUTOIGNITION TEMPERATURE: (SEE SECTION 5)

FLAMMABILITY CLASSIFICATION: (SEE SECTION 5)

UNUSUAL FIRE OR EXPLOSION HAZARDS: (SEE SECTION 5)

OXIDIZING PROPERTIES: NOT APPLICABLE.

OTHER INFORMATION: NONE.

NOTE:
THE PHYSICAL DATA REPRESENTED ABOVE ARE TYPICAL VALUES AND SHOULD NOT BE
CONSTRUED AS A SPECIFICATION.

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN

CHEMICALS TO AVOID: STRONG ACIDS, STRONG BASES, OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL): NOT DETERMINED

SECTION 11 TOXICOLOGICAL INFORMATION

SENSITIZATION TO PRODUCT: NOT APPLICABLE.

IRRITANCY OF PRODUCT: NOT APPLICABLE

REPRODUCTIVE TOXICITY: NOT APPLICABLE.

TERATOGENICITY: NOT APPLICABLE.

MUTAGENICITY: NOT APPLICABLE.

FURTHER HAZARD INFORMATION, IF APPLICABLE, MAY BE FOUND IN SECTION 3.
TOXICOLOGICAL INFORMATION REGARDING INDIVIDUAL INGREDIENTS, IF APPLICABLE,
MAY BE FOUND IN SECTION 2.

SECTION 12 ECOLOGICAL INFORMATION

MOBILITY: NOT DETERMINED.

DEGRADABILITY: NOT DETERMINED.

ACCUMULATION: NOT DETERMINED.

ECOTOXICITY: NOT DETERMINED.

OTHER ADVERSE EFFECTS: NOT DETERMINED.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

THE CONDITIONS OF HANDLING, STORAGE, AND USE OF THIS PRODUCT ARE BEYOND OUR
CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, LA-CO
INDUSTRIES, INC. DOES NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM
LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED
WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT.

SECTION 14 TRANSPORT INFORMATION

D.O.T. (U.S.):
PROPER SHIPPING NAME: NOT REGULATED.
HAZARD CLASS OR DIVISION: NOT REGULATED.
HAZARD LABEL: NOT REGULATED.
I.D. NUMBER: NOT REGULATED.

TDG (CANADA): NOT REGULATED.

IATA: NOT REGULATED.

ICAO: NOT REGULATED.

IMO: NOT REGULATED.

AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS:
DANGEROUS GOODS CLASS AND SUBSIDIARY RISK: NOT DETERMINED.

SECTION 15 REGULATORY INFORMATION

U.S.A.:

OSHA HAZARD STATUS:
THIS PRODUCT IS NOT CONSIDERED TO BE HAZARDOUS AS DEFINED BY THE U.S. OSHA
HCS (29 CFR 1910.1200).

EPA SARA SEC. 311/312 HAZARD CATEGORIES: NOT APPLICABLE.

TOXIC SUBSTANCES CONTROL ACT (TSCA):
ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE LISTED ON THE U.S. EPA TSCA
CHEMICAL SUBSTANCE INVENTORY.

HMS(R*) RATING:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

NFPA(R*) (704) RATING:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

CANADA:

WHMIS STATUS:
THIS PRODUCT IS NOT CONSIDERED TO BE HAZARDOUS AS DEFINED BY CANADIAN WHMIS
CONTROLLED PRODUCTS REGULATIONS.

WHMIS RATING: NONE.

WHMIS RISK PHRASES: NONE.

WHMIS PRECAUTIONARY STATEMENTS: NONE.

DOMESTIC SUBSTANCES LIST (DSL):

ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE LISTED ON THE CANADIAN EPA
(CEPA) DOMESTIC SUBSTANCES LIST (DSL).

E.U.:

EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS):
ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE LISTED ON THE EUROPEAN
INVENTORY OF EXISTING CHEMICAL SUBSTANCES (EINECS).

CATEGORIES OF DANGER (LABELING INFORMATION): NOT APPLICABLE

RISK (R) PHRASES: NOT APPLICABLE

SAFETY (S) PHRASES: NOT APPLICABLE

AUSTRALIA:

WORKSAFE AUSTRALIA STATUS:
THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF
WORKSAFE AUSTRALIA.

HAZCHEM CODE: NONE ALLOCATED.

POISONS SCHEDULE NUMBER: NONE ALLOCATED.

FURTHER REGULATORY INFORMATION REGARDING INDIVIDUAL INGREDIENTS, IF
APPLICABLE, MAY BE FOUND IN SECTION 2.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF
THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THE CANADIAN WHMIS CONTROLLED
PRODUCTS REGULATIONS, THE BRITISH CHIP2 REGULATION 6, AND THE AUSTRALIAN
NMRCHS. THIS MSDS CONTAINS THE INFORMATION REQUIRED BY THE ABOVE
REGULATIONS AND CONFORMS TO ANSI Z400.1-1993.

SECTION 16 OTHER INFORMATION

HMS IS A REGISTERED TRADEMARK OF THE NATIONAL PAINT AND COATINGS
ASSOCIATION.

NFPA IS A REGISTERED TRADEMARK OF THE NATIONAL FIRE PROTECTION ASSOCIATION.

MSDS PREPARED BY: DIRECTOR OF CHEMICAL SAFETY

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ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. HOWEVER,
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