



ABEL INDUSTRIES INTERNATIONAL CO., TD.

318, Sec. 3, Chang-Nan Road, Changhua, Taiwan, R.O.C.

Tel: 886-4-7385090 Fax: 886-4-738-5190

MATERIAL SAFETY DATA SHEET

MSDS Rev. Date: 15, Mar. 2018

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ERASERS

SYNONYMS:

PRODUCT CODES:

MANUFACTURER: ABEL INDUSTRIES INTERNATIONAL CO, LTD.

DIVISION:

ADDRESS: 318, SEC. 3, CHANG-NAN ROAD, CHANGHUA, TAIWAN

EMERGENCY PHONE: +886-4-7385090

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: +886-4-7385190

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE:

PREPARED BY:

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

CAS NO. % WT % VOL SARA 313 REPORTABLE

ppm mg/m3

OSHA PEL-TWA:
OSHA PEL STEL :
OSHA PEL CEILING:

ACGIH TLV-TWA:
ACGIH TLV STEL:
ACGIH TLV CEILING:

SYNTHETIC RUBBER	18.4%
RUBBER PROCESSING OIL	18.4%
STEARIC ACID	1.7%
CALCIUM CARBONATE	55.3%
SILICA	5.5%
EVERNOX-10	0.4%
TITANIUM DIOXIDE	0.3%

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: NO PARTICULAR HAZARDS KNOWN.

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS

EYES: NON



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SKIN: NON
INGESTION: NON
INHALATION: NON

ACUTE HEALTH HAZARDS: NON

CHRONIC HEALTH HAZARDS: NON

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: NO SPECIFIC INTERVENTION IS INDICATED AS COMPOUND IS NOT LIKELY TO BE HAZARDOUS BY EYE.
CONSULT A PHYSICIAN IF NECESSARY.

SKIN: NO SPECIFIC INTERVENTION IS INDICATED AS COMPOUND IS NOT LIKELY TO BE HAZARDOUS BY EYE.
CONSULT A PHYSICIAN IF NECESSARY.

INGESTION: NO SPECIFIC INTERVENTION IS INDICATED AS COMPOUND IS NOT LIKELY TO BE HAZARDOUS BY EYE.
CONSULT A PHYSICIAN IF NECESSARY.

INHALATION: NO SPECIFIC INTERVENTION IS INDICATED AS COMPOUND IS NOT LIKELY TO BE HAZARDOUS BY EYE.
CONSULT A PHYSICIAN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:
(% BY VOLUME) LOWER:

FLASH POINT:

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE:

IF:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: FLAMMABILITY: REACTIVITY:

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: FLAMMABILITY: REACTIVITY:

PROTECTION:

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES



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ACCIDENTAL RELEASE MEASURES: SWEEP UP AND DISCARD.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: STORE IN A WELL VENTILATED, COOL AREA. & AVOID CONTACT WITH FIRE.

OTHER PRECAUTIONS:

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NO REQUIRED UNDER NORMAL USE CONDITIONS.

VENTILATION : NO REQUIRED UNDER NORMAL USE CONDITIONS.

RESPIRATORY PROTECTION: NO REQUIRED UNDER NORMAL USE CONDITIONS.

EYE PROTECTION: NO REQUIRED UNDER NORMAL USE CONDITIONS.

SKIN PROTECTION: NO REQUIRED UNDER NORMAL USE CONDITIONS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NO REQUIRED UNDER NORMAL USE CONDITIONS.

WORK HYGIENIC PRACTICES:

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WITH BAG

ODOR: ODORLESS

PHYSICAL STATE: SOLID

pH AS SUPPLIED:

pH (Other):

BOILING POINT:

F:

C:

MELTING POINT:

F:

C:

FREEZING POINT:

F:

C:

VAPOR PRESSURE (mmHg):

@

F:

C:

VAPOR DENSITY (AIR = 1):

@

F:

C:



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SPECIFIC GRAVITY (H₂O = 1):

@

F:

C:

EVAPORATION RATE:

BASIS (=1):

SOLUBILITY IN WATER:

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE:

BY WT/

BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: LBS/GAL

WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY:

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE UNSTABLE

STABILITY: STABLE AT NORMAL TEMPERATURES AND STORAGE CONDITIONS.

CONDITIONS TO AVOID (STABILITY): EXPOSES TO THE FIRE FOR A LONG TIME.

INCOMPATIBILITY (MATERIAL TO AVOID): NON

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NON

HAZARDOUS POLYMERIZATION: NON

CONDITIONS TO AVOID (POLYMERIZATION): NON.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: PRODUCT IS INSOLUBLE IN WATER. ACCORDING TO PRESENT KNOWLEDGE.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSE AS RECYCLE TRASH.

RCRA HAZARD CLASS:



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SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

NOT A DANGEROUS GOODS WITHIN THE MEANING OF TRANSPORTATION REGULATIONS.

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

CONFORMANCE WITH ASTM D4236

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER:

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.