Safety Data Sheet

Reviewed Date: 04/27/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Max Weld Primer Pen

Item No: MXWPRIM

Product type: Polyolefin Primer

Region: United States

Restrictions of Use: None identified

Company Address:
Arizona Archery Enterprises, Inc.
2781 N. Valley View Drive
Prescott Valley, Az. 86314

Contact information:
Telephone (928) 772-9887
MEDICAL EMERGENCY PHONE: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
Transport Emergency phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Iternet: www.arizonaarchery.com

2. HAZARDS IDENTIFICATION

-Classification of the substance mixture

Classification of the substance or mixture

GHS02 Flame
Flam. Liq. 2 H225 Highly flammable liquid and vapor.

GHS07
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H336 May cause drowsiness or dizziness.

- ***Label elements***
- ***GHS label elements*** The product is classified and labeled according to the Globally Harmonized System (GHS).
- ***Hazard pictograms***

GHS02 GHS07

- ***Signal word*** Danger
- ***Hazard-determining components of labeling:***
acetone
triphenylphosphine
- ***Hazard statements***
H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
- ***Precautionary statements***
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- ***Classification system:***
- ***NFPA ratings (scale 0 - 4)***

Health = 1
Fire = 3
Reactivity = 0
- ***HMIS-ratings (scale 0 - 4)***

Health = 1
Fire = 3
Reactivity = 0
- ***Other hazards***
- ***Results of PBT and vPvB assessment***
- ***PBT:*** Not applicable.
- ***vPvB:*** Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

- ***Chemical characterization: Substances***
- ***CAS No. Description***
67-64-1 acetone
- ***Identification number(s)***
- ***EC number:*** 200-662-2
- ***Index number:*** 606-001-00-8
- ***Chemical characterization: Mixtures***
- ***Description:*** Mixture of the substances listed below with nonhazardous additions.

- ***Dangerous components:***

67-64-1 acetone	Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336	90-100%
603-35-0 triphenylphosphine	STOT RE 2, H373; Acute Tox. 4, H302; Skin Sens. 1, H317	≤ 1.00%

4. FIRST AID MEASURES

- ***Description of first aid measures***
- ***After inhalation:*** Supply fresh air; consult doctor in case of complaints.
- ***After skin contact:*** Generally the product does not irritate the skin.
- ***After eye contact:*** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- ***After swallowing:*** If symptoms persist consult doctor.

- ***Information for doctor:***
- ***Most important symptoms and effects, both acute and delayed*** No further relevant information available.
- ***Indication of any immediate medical attention and special treatment needed***
No further relevant information available.

5. FIRE FIGHTING MEASURES

- ***Extinguishing media***
- ***Suitable extinguishing agents:***
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
CO2, sand, extinguishing powder. Do not use water.
- ***For safety reasons unsuitable extinguishing agents:*** Water with full jet
- ***Special hazards arising from the substance or mixture*** No further relevant information available.
- ***Advice for firefighters***
- ***Protective equipment:***
Wear self-contained respiratory protective device.
Wear fully protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Wear protective clothing.
- ***Environmental precautions:*** Do not allow to enter sewers/ surface or ground water.
- ***Methods and material for containment and cleaning up:***
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
Dispose of the collected material according to regulations.
- ***Reference to other sections***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- ***Protective Action Criteria for Chemicals***
- ***PAC-1:***

67-64-1 acetone	200 ppm
603-35-0 triphenylphosphine	2.9 mg/m3

- ***PAC-2:***

67-64-1 acetone	3200* ppm
603-35-0 triphenylphosphine	32 mg/m3

- ***PAC-3:***

67-64-1 acetone	
603-35-0 triphenylphosphine	5700* ppm
	540 mg/m3

7. HANDLING AND STORAGE

Handling:
- ***Precautions for safe handling***
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- ***Information about protection against explosions and fires:***
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- ***Conditions for safe storage, including any incompatibilities***
- ***Storage:***
- ***Requirements to be met by storerooms and receptacles:*** Store in a cool location.
- ***Information about storage in one common storage facility:*** Not required.

- ***Further information about storage conditions:***
Keep receptacle tightly sealed.
Store in cool, dry conditions in well-sealed receptacles.
- ***Specific end use(s)*** No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- ***Additional information about design of technical systems:*** No further data; see item 7.
- ***Control parameters***
  - ***Components with limit values that require monitoring at the workplace:***
    The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
    At this time, the remaining constituent has no known exposure limits.

67-64-1 acetone

PEL	Long-term value: 2400 mg/m³, 1000 ppm
REL	Long-term value: 590 mg/m³, 250 ppm
TLV	Short-term value: 1187 mg/m³, 500 ppm
TLV	Long-term value: 594 mg/m³, 250 ppm BEI

- ***Ingredients with biological limit values:***

67-64-1 acetone
BEI 50 mg/L
Medium: urine
Time: end of shift
Parameter: Acetone (nonspecific)

- ***Additional information:*** The lists that were valid during the creation were used as basis.
- ***Exposure controls***
- ***Personal protective equipment:***
- ***General protective and hygienic measures:***
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- ***Breathing equipment:***
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- ***Protection of hands:***
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- ***Material of gloves***
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Nitrile rubber, NBR
- ***Penetration time of glove material***
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- ***Eye protection:***
Tightly sealed goggles
- ***Body protection:*** Protective work clothing

(Contd. of page4)

9. PHYSICAL AND CHEMICAL PROPERTIES

- ***Information on basic physical and chemical properties***
- ***General Information***
  - ***Appearance:***
    - ***Form:*** Fluid
    - ***Color:*** Amber colored

- ***Odor:*** Acetone-like
- ***Odor threshold:*** Not determined.

- ***pH-value*** Not determined.

- ***Change in condition***
  - ***Melting point/Melting range:*** -94.7 °C (-138 °F)
  - ***Boiling point/Boiling range:*** 55 °C (131 °F)

- ***Flash point:*** -17 °C (1 °F)
- ***Flammability (solid, gaseous):*** Not applicable.
- ***Ignition temperature:*** 465 °C (869 °F)
- ***Decomposition temperature:*** Not determined.
- ***Auto igniting*** Product is not selfigniting
- ***Danger of explosion:*** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- ***Explosion limits:***
  - ***Lower:*** 2.6 Vol %
  - ***Upper:*** 13 Vol %
- ***Vapor pressure at 20 °C (68 °F):*** 233 hPa (175 mm Hg)

- ***Density at 20 °C (68 °F):*** 0.79 g/cm³ (6.593 lbs/gal)
  - ***Relative density*** Not determined.
  - ***Vapor density*** Not determined.
  - ***Evaporation rate*** Not determined.

- ***Solubility in / Miscibility with Water:*** Not miscible or difficult to mix.
- ***Partition coefficient (n-octanol/water):*** Not determined.

- ***Viscosity:***
  - ***Dynamic at 20 °C (68 °F):*** 32 mPas
  - ***Kinematic:*** Not determined.

- ***Solvent content:***
  - ***Organic solvents:*** 99.8 %
  - ***VOC content:*** 0.0 g/l / 0.00 lb/gl
- ***Solids content:*** 0.3 %
- ***Other information*** No further relevant information available

10. STABILITY AND REACTIVITY

- ***Reactivity*** No further relevant information available.
- ***Chemical stability***
- ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
- ***Possibility of hazardous reactions*** No dangerous reactions known.
- ***Conditions to avoid*** No further relevant information available.
- ***Incompatible materials:*** No further relevant information available.
- ***Hazardous decomposition products:*** No dangerous decomposition products known.

(Contd. of page5)

11. TOXICOLGICAL INFORMATION

- ***Information on toxicological effects***
- ***Acute toxicity:***
- ***LD/LC50 values that are relevant for classification:***

67-64-1 acetone
Oral LD50 5800 mg/kg (rat)
Dermal LD50 20000 mg/kg (rabbit)

603-35-0 triphenylphosphine
Oral LD50 700 mg/kg (rat)

- ***Primary irritant effect:***
  - ***on the skin:*** No irritant effect.
  - ***on the eye:*** Irritating effect.
- ***Sensitization:*** Sensitization possible through skin contact.

- ***Additional toxicological information:***
The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

- ***Carcinogenic categories***
  - ***IARC (International Agency for Research on Cancer)***
None of the ingredients is listed.
  - ***NTP (National Toxicology Program)***
None of the ingredients is listed.
  - ***OSHA-Ca (Occupational Safety & Health Administration)***
None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

- ***Toxicity***
  - ***Aquatic toxicity:*** No further relevant information available.
- ***Persistence and degradability*** No further relevant information available.
- ***Behavior in environmental systems:***
  - ***Bioaccumulative potential*** No further relevant information available.
  - ***Mobility in soil*** No further relevant information available.
- ***Additional ecological information:***
  - ***General notes:***
  Water hazard class 1 (Self-assessment): slightly hazardous for water
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- ***Results of PBT and vPvB assessment***
  - ***PBT:*** Not applicable.
  - ***vPvB:*** Not applicable.
- ***Other adverse effects*** No further relevant information available.

13. DISPOSAL CONSIDERATION

- ***Waste treatment methods***
  - ***Recommendation:*** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- ***Uncleaned packagings:***
  - ***Recommendation:*** Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- ***UN-Number***
  - ***DOT, IMDG, IATA*** UN1993
- ***UN proper shipping name***
  - ***DOT*** Flammable liquids, n.o.s. (Acetone)
  - ***IMDG, IATA*** FLAMMABLE LIQUID, N.O.S. (ACETONE)
- ***Transport hazard class(es)***
- ***DOT***

  - ***Class*** 3 Flammable liquids
  - ***Label*** 3

- ***IMDG, IATA***

  - ***Class*** 3 Flammable liquids
  - ***Label*** 3

- ***Packing group***
  - ***DOT, IMDG, IATA*** II
- ***Environmental hazards:***
  - ***Marine pollutant:*** No
- ***Special precautions for user*** Warning: Flammable liquids
  - ***Danger code (Kemler):*** 33
  - ***EMS Number:*** F-E,S-E
  - ***Stowage Category*** B

- ***Transport in bulk according to Annex II of MARPOL73/78and the IBC Code*** Not applicable.
- ***Transport/Additional information:***
  - ***DOT***
    - ***Quantity limitations:*** On passenger aircraft/rail: 5 L
      On cargo aircraft only: 60 L
  - ***IMDG***
    - ***Limited quantities (LQ)*** 1L
    - ***Excepted quantities (EQ)*** Code: E2
      Maximum net quantity per inner packaging: 30 ml
      Maximum net quantity per outer packaging: 500 ml

- ***UN "Model Regulation":*** UN 1993 FLAMMABLE LIQUIDS, N.O.S. (ACETONE), 3, II

15. REGULATORY INFORMATION

- ***Safety, health and environmental regulations/legislation specific for the substance or mixture***
  - ***Sara***
    - ***Section 355 (extremely hazardous substances):***

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- ***TSCA (Toxic Substances Control Act):***

acetone
triphenylphosphine

- ***Proposition 65***
  - ***Chemicals known to cause cancer:***

None of the ingredients is listed.

- ***Chemicals known to cause reproductive toxicity for females:***

None of the ingredients is listed.

- ***Chemicals known to cause reproductive toxicity for males:***

None of the ingredients is listed.

- ***Chemicals known to cause developmental toxicity:***

None of the ingredients is listed.

- ***Carcinogenic categories***

- ***EPA (Environmental Protection Agency)***

67-64-1 acetone I

- ***TLV (Threshold Limit Value established by ACGIH)***

67-64-1 acetone A4

- ***NIOSH-Ca (National Institute for Occupational Safety and Health)***

None of the ingredients is listed.

- ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- ***Date of preparation / last revision*** 06/08/2017 / 10
- ***Abbreviations and acronyms:***

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flam. Liq. 2: Flammable liquids – Category 2
Acute Tox. 4: Acute toxicity – Category 4
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

- **** Data compared to the previous version altered.***

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