Safety Data Sheet

Verified Date9-AUG-2019: - Not Valid Without Verified Date : according to 2012 OSHA HCS (29 CFR 1910.1200)

USA LAT Version 2.0

1. Product and Company Identification

Product identifier

Product code

mpca223

Product name

MONSTER PATCH DNA Pressure Sensitive Contact Adhesive

Recommended use Not available.

Manufacturer or distributor

Distributor

Motion Picture F/X Company
2920 W Magnolia Blvd Burbank, CA 91505 (818) 563-2366
www.motionpicturefx.com

Manufacturer

Motion Picture F/X Company
2920 W Magnolia Blvd Burbank, CA 91505 (818) 563-2366
www.motionpicturefx.com

E-Mail

info@motionpicturefx.com

Emergency telephone

INFOTRAC: (800)535-5053

Anti-Poison Centre

1-800-463-5060 / (418) 656-8090

2. Hazards Identification

Classification of the substance or mixture

Classification according to 2012 OSHA HCS (29 CFR 1910.1200)

Skin Irritation (Cat 2), H315 Skin Sensitisation (Cat 1), H317 Eye Irritation (Cat 2), H319 Hazard to the Aquatic Environment, Acute Hazard (Cat 3), H402 Hazard to the Aquatic Environment, Chronic Hazard (Cat 3), H412

OSHA statement Not classified.

Label elements

Signal word

WARNING

Hazard pictograms

GHS07

Hazard statement(s)

H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H402 Harmful to aquatic life. H412 Harmful to aquatic life with long lasting effects. **Precautionary statement(s)** P261

Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see ... on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse. P501 Dispose of contents/container in accordance with local regulations. **Supplemental information** Not applicable.

Other hazards

Not applicable.

3. Composition / Information on Ingredients

Mixtures

Substances presenting a hazard within the meaning of 2012 OSHA HCS (29 CFR 1910.1200)

Component name CAS No. % by weight

Ammonium Hydroxide 1336-21-6 1 - 2

Butylated Reaction Product of p-Cresol and Dicyclopentadiene 68610-51-5 0.1 - 1.0

Zinc Dibutyldithiocarbamate 136-23-2 0.1 - 1.0

4. First - Aid Measures

General

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. **Inhalation**

Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Skin contact

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

5. Fire - Fighting Measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. **Methods and materials for containment and cleaning up**

Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

7. Handling and Storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. **Conditions for safe storage, including any incompatibilities**

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls / Personal Protection

Exposure controls

Component name CAS No.

Exposure guidelines

Ammonium Hydroxide 1336-21-6 PEL: 50 ppm (OSHA)
STEL: 35 ppm (ACGIH) STEL: 27 mg/m3 (NIOSH) TWA: 25 ppm (ACGIH) TWA: 18 mg/m3 (NIOSH)

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Eye protection

Splash goggles and adequate ventilation

Skin protection

Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
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Respiratory protection

Chemical respirator with organic vapor cartridge and full facepiece.

Hygiene measures

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

Appearance Liquid

Color White

Odour

Ammoniacal

Odour threshold Not available.

pH

Not available.

Melting point

Not available.

Boiling point

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Flammability (for solid and gas)

Not applicable.

Upper explosion limit

Not available.

Lower explosion limit

Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density Not available.

Partition coefficient: n-octanol/water

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.

Specific gravity

0.93 g/cm3

Pounds per gallon 7.77 Lbs/Gal

Percent volatiles

Not available.

VOC Not available.

10. Stability and Reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability
Material is stable under normal conditions.
Possibility of hazardous reactions
Material is stable under normal conditions.
Conditions to avoid
Contact with incompatible materials.
Incompatible materials
Strong oxidizing agents.
Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological Information

Likely routes of exposure
Inhalation, skin contact , eye contact and ingestion
Symptoms related to the physical, chemical and toxicological characteristics
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Acute toxicity
Component name
Result LD50/LC50
Ammonium Hydroxide LD50/Oral/Rat: >350 mg/kg
Butylated Reaction Product of p-Cresol and Dicyclopentadiene LD50/Dermal/Rat: >2000 mg/kg
LD50/Oral/Rat: 5000 mg/kg
Zinc Dibutyldithiocarbamate LD50/Dermal/Rabbit: 2000 mg/kg
LD50/Oral/Rat: 5000 mg/kg
Skin corrosion/irritation Causes skin irritation.
Serious eye damage/eye irritation Causes serious eye irritation.
Respiratory sensitization
Not classified.
Skin sensitization
May cause an allergic skin reaction.
Mutagenicity
Not classified.

Carcinogenicity classification No hazardous ingredient.
Developmental toxicity
Not classified.
STOT SE
Not classified.
STOT RE
Not classified.
Aspiration hazard
Not classified.
Chronic effects
Prolonged inhalation may be harmful.

12. Ecological Information

Aquatic ecotoxicity
Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Ecotoxicity
Component name
Result LD50/LC50
Ammonium Hydroxide
Butylated Reaction Product of p-Cresol and Dicyclopentadiene LC50/STATIC/Rainbow Trout: >0.2 mg/l (96)
EC50/STATIC/Water flea : >0.2 mg/l (96)
Persistence and degradability
No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential
No data available.
Mobility in soil
No data available.
Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations
Dispose in accordance with all applicable regulations.
Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).
Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

Transport (DOT / IATA / IMDG) Classification
Not classified.
DOT / TDG
Not classified.

IATA Not classified.

IMDG Not classified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

15. Regulatory Information

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) CERCLA
Ammonium Hydroxide - 1336-21-6 : 1000 lbs/453.6kg
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052) SARA 302 Extremely hazardous substance
Not listed.
SARA 313
This product contains the following chemical(s) subjected to the reporting requirements of Section 313 of the Emergency Planning and Community Right- to-Know Act of 1986 and to 40 CFR 372: Ammonium hydroxide
EPA/CAA
EPA/CWA California prop. 65

16. Other Information

HMIS Health : Health : *1
Flammability: Flammability : 1 Physical hazard: Physical hazard : 0 Personal Protection: Personal protection : C

NFPA Health : HEALTH : 1
Fire: FIRE : 1 Reactivity: REACTIVITY : 0 Specific Hazard: SPECIFIC HAZARD :
Refer to NFPA 654, standard for the prevention of fire and dust explosions from the manufacturing, processing and handling of combustible particulate solids, for safe handling.
Abbreviations
HMIS : Hazardous Materials Identification System
* - Chronic Hazard, 0 - Minimal Hazard, 1 - Slight Hazard, 2 - Moderate Hazard, 3 - Serious Hazard, 4 - Severe Hazard NFPA : National Fire Protection Association
Health: 4 – Deadly, 3 -Extreme danger, 2 – Hazardous, 1 - Slightly hazardous, 0 - Normal material Fire: 4 - Below 73°F - very flammable, 3 - 73 to 100F – flammable, 2 - 101 to 200F –combustible, 1 - Over 200F -slightly combustible, 0 - Will not Burn
Reactivity: 4- May detonate, 3- Shock or heat may detonate, 2- violent chem. Reaction, 1- Unstable if heated, 0- Stable, W- Use no

water Specific Hazard: OXY- Oxidizer, ACID- Acid, ALK- Alkali, COR- Corrosive, W- Use no water OSHA: Occupational Safety and Health Administration DOT: Department of Transportation IMDG: International Maritime Dangerous Goods IATA: International Air Transport association TSCA: Toxic Substance Control Act DSL: Domestic Substance List SARA313: Superfund Amendments and Reauthorization Act - Toxic Chemical Release Inventory (Section 313) NPRI : National Pollutant Release Inventory **Date of preparations**

8-9/2019

To the best of knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazard and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.