

Safety Data Sheet PHANO CHINA MARKERS

| Company Identification: | COMPANY 1. PRODUCT AND COMPANY IDENTIFICATION | |
|--|--|---|
| in puny ruentinearent | Dixon Ticonderoga Company 615 Crescent Executive Court ste.500 | Date prepared: 5/7/2003 Last revised: 10/26/2015 |
| | Lake Mary Fl, 2746 Telephone:(800) 824-9430 | |
| roduct Name: roduct Code(s): | PHANO CHINA MARKERS 00071, 00073, 00074, 00077, 00079, 00080, 00081, 00092, 00095, 30771 | |
| | 2. HAZARDS IDENTIFICATION | |
| Emergency Overview | Not an acute hazard- conforms to ASTM D-4236 CAUTION! | |
| mergency over view | Packaging may be subject to ignition by fire and may release toxic or other irritating g | ases |
| Component | 3. COMPOSITION/INFORMATION ON INGREDIENTS t CAS-# | %Weight |
| ssociation and the Art and stitute's Toxicological Ac oblems. | (Pencil Makers Association), CL (Certified Products), or AP (Approved Products) seals d Creative Materials Institute's, Inc.are certified in a program of toxicological evaluation dvisory Board, to contain no materials in sufficient quantities to be toxic or injurious to l Conforms to ASTM D-4236 ered to be a hazardous substance as defined under OSHA's Hazard Communication Stand | by a medical expert, subject to review by the humans or cause acute or chronic health |
| | 4. FIRST AID MEASURES | |
| Cye Contact | · · · · · · · · · · · · · · · · · · · | |
| kin Contact | Immediately flush with plenty of eater. After initial flushing, remove any contact lense Get medical attention immediately if irritation develops and persists. | es and continue flusing for a least 15 minutes. |
| | Wash off immediately with soap and plenty of water. Use a mild soap if available. Rin 15 minutes. Remove contaminated clothing. If irritation develops, get medical attention | |
| nhalation | If breathed in, move person into fresh air. If breathing is irregular or stopped, administ immediately. | ter artificial respiration. Get medical attention |
| ngestion | If swallowed, DO NOT induce vomiting. Call a physician or Poison Control Center in unconscious person. | nmediately, Never give anything by mouth to a |
| | 5. Fire Fighting Measures | |
| | | |
| | Carbon dioxide, dry chemical or foam recommended. Apply water to cool exposed clo | osed containers |
| pecial Fire Fighting | | |
| pecial Fire Fighting Procedures: | Self contained breathing apparatus (SCBA) and full protective equipment recommend | |
| pecial Fire Fighting Procedures: Jnusual Fire and | | |
| pecial Fire Fighting Procedures: Jnusual Fire and Explosion Hazards: | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases | |
| pecial Fire Fighting rocedures: Juusual Fire and Explosion Hazards: lammability Data: | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data | ed |
| pecial Fire Fighting rocedures: Juusual Fire and Explosion Hazards: Tammability Data: Tash Point: | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data | ed HMIS Ratings |
| pecial Fire Fighting rocedures: Juusual Fire and Explosion Hazards: Tammability Data: Tash Point: Tammability limits: | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data | ed HMIS Ratings Health 1 |
| pecial Fire Fighting Procedures: Juusual Fire and Explosion Hazards: Tammability Data: Tash Point: Tammability limits: Auto-ignition temperatur | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data re: No data | ed HMIS Ratings Health 1 Flammability 0 |
| pecial Fire Fighting rocedures: Juusual Fire and Explosion Hazards: Tammability Data: Tash Point: Tammability limits: Luto-ignition temperatur Dust cloud ignition tempe | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data re: No data erature: No data | ed HMIS Ratings Health 1 Flammability 0 Reactivity 0 |
| Special Fire Fighting Procedures: Juusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperatur Dust cloud ignition tempe | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data re: No data erature: No data | ed HMIS Ratings Health 1 Flammability 0 |
| Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperatur Dust cloud ignition tempe Dust layer ignition tempe | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data re: No data erature: No data erature: No data | ed HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equi A |
| Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperatur Dust cloud ignition tempe Dust layer ignition tempe | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data eret No data erature: No data frature: No data <i>6. Accidental Release Measures</i> Sweep or wipe up material. Place spilled material into appropriate waste containers for Sweep or wipe up material. Place spilled material into appropriate waste containers for | ed HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equil A |
| Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperatur Dust cloud ignition tempe Dust layer ignition tempe Small Spill: Large Spill: | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data No data re: No data erature: No data strature: No data for data 6. Accidental Release Measures Sweep or wipe up material. Place spilled material into appropriate waste containers for Sweep or wipe up material. Place spilled material into appropriate waste containers for 7. Handling and Storage Contents will stain. The use of smocks and gloves to protect personal clothing is sugged | ed HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equi A r disposal I |
| Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperatur Dust cloud ignition tempe Dust layer ignition tempe | Self contained breathing apparatus (SCBA) and full protective equipment recommend Packaging may be subject to ignition by fire and may release toxic gases No data No data No data No data re: No data erature: No data erature: No data erature: No data erature: No data Sweep or wipe up material. Place spilled material into appropriate waste containers for Sweep or wipe up material. Place spilled material into appropriate waste containers for 7. Handling and Storage | ed HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equil A r disposal I |

Continued on next page

| | ERS Material Safety Data Sheet 8. Exposure Controls/Personal Protection | | Page 2/2 |
|---|---|--|---|
| Engineering Controls: | 8. Exposure Controls/Personal Protection The use of local ventilation is recommended | | |
| Engineering Controls. | The use of local ventilation is recommended | | |
| Personal protection: | No special skin protection required. Wash skin if irritation is experienced. | Eye protection is recommended | |
| | 9. Physical and Chemical Properties | | |
| Physical State: | Solid | | |
| Appearance: | Paper Wrapped Pencils | | |
| Color: | Various | | |
| Odor: | No odor | | |
| pH: | No Data | | |
| Specific gravity: | No Data | | |
| Boiling point: | No Data | | |
| Freezing/melting point: | No Data | | |
| Evaporation rate: | No Data | | |
| Solubility: | No Data | | |
| Volatility: | No Data | | |
| | 10. Stability and Reactivity | | |
| General: | This product is stable and hazardous polymerization will not occur | | |
| Incompatibility: | None known | | |
| Hazardous decomposition | n: As with all burning organic matter, carbon monoxide and other toxic fumes | may be released | |
| | | | |
| | 11. Toxicological Information | | |
| | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod | ucts), or AP (Approved Products) seal | s of the Writing |
| Acute/Chronic Toxicity, | 0 | | • |
| | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod | stitute's, Inc.are certified in a program | of toxicological |
| Carcinogenicity, | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m | of toxicological |
| Acute/Chronic Toxicity, Carcinogenicity, Mutagenicity | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolog | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. | of toxicological |
| Carcinogenicity, | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. | of toxicological |
| Carcinogenicity, Mutagenicity | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. | of toxicological |
| Carcinogenicity, Mutagenicity | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. | of toxicological |
| Carcinogenicity, Mutagenicity This product has not been | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. | of toxicological |
| Carcinogenicity, Mutagenicity This product has not been | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. | of toxicological |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 | of toxicological aterials in sufficier |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. 0-4236 UN/NA Number: | of toxicological aterials in sufficien |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. 0-4236 UN/NA Number: IMO/IMDG Classification: | of toxicological aterials in sufficier Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) Not Regulated (Europe) | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. 0-4236 UN/NA Number: | of toxicological aterials in sufficier |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) : Not Regulated (Europe) 15. Regulatory Information | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: | of toxicological aterials in sufficier Not Regulated Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: ADR/RID Classification | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) 15. Regulatory Information This product is not considered to be a hazardous substance us | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: | of toxicological aterials in sufficier Not Regulated Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: ADR/RID Classification | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo, quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) Not Regulated (Europe) 15. Regulatory Information This product is not considered to be a hazardous substance un | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: | of toxicological aterials in sufficier Not Regulated Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: ADR/RID Classification OSHA Hazard Commun | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) : Not Regulated (Europe) 15. Regulatory Information This product is not considered to be a hazardous substance us itation Status Conforms | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: nder OSHA's Federal Hazard Commur | of toxicological aterials in sufficier Not Regulated Not Regulated Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: ADR/RID Classification OSHA Hazard Commun Toxic Substances Contro | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) : Not Regulated (Europe) 15. Regulatory Information This product is not considered to be a hazardous substance us ication Status Standard 29 CFR 1910.1200 | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: nder OSHA's Federal Hazard Commur | of toxicological aterials in sufficien Not Regulated Not Regulated Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: ADR/RID Classification OSHA Hazard Commun | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) : Not Regulated (Europe) 15. Regulatory Information This product is not considered to be a hazardous substance us itation Status Dispose of this material has been reported to the US E | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: nder OSHA's Federal Hazard Commur | of toxicological aterials in sufficien Not Regulated Not Regulated Not Regulated Not Regulated |
| Carcinogenicity, Mutagenicity This product has not been Contain and place in appr DOT Classification: TDG Classification: ADR/RID Classification OSHA Hazard Commun Toxic Substances Contro Status | Products bearing the PMA(Pencil Makers Association), CL (Certified Prod Instrumnts Manufactures Association and the Art and Creative Materials In evaluation by a medical expert, subject to review by the Institute's Toxicolo quantities to be toxic or injurious to humans or cause acute or chronic healt Conforms to ASTM I 12. Ecological Information evaluated for overall environmental effects 13. Disposal Considerations oved container. Dispose of per Local, State, and Federal regulations 14. Transportation Information Not Regulated (US) Not Regulated (Canada) : Not Regulated (Europe) 15. Regulatory Information This product is not considered to be a hazardous substance us itation Status Conforms | stitute's, Inc.are certified in a program gical Advisory Board, to contain no m h problems. D-4236 UN/NA Number: IMO/IMDG Classification: ICAO/IATA Classification: nder OSHA's Federal Hazard Commur | of toxicological aterials in sufficien Not Regulated Not Regulated Not Regulated nication |

This information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or results obtained from the use thereof. Dixon Ticonderoga company assumes no responsibility for personal damage caused by the product. Users assume all risks associated with use.

DIXON'