(Reproduce locally)

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



| IDENTITY (As Used on Label and List) PANEX | | | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. | | | | |
|---|--------------------------------------|--|---|--|--|--|--|
| | | | | | | | |
| Manufacturer's Name | | | Emergency Telephone Number | | | | |
| ZOLTEK CORP Carbon Fiber Products | | | | | | | |
| Address (Number, Street, City, State, and ZIP Code) | | | Telephone Number for Information | | | | |
| FOUNDRY INDUSTRIAL PARK | | | 508-454-0400 | | | | |
| | Date Prepared | | | | | | |
| | | | dated 10/89 | | | | |
| | Signature of Prep | parer (optional) | | | | | |
| nformation | | | | | | | |
| n Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) | | | |
| , | | | | | | | |
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| cs | | | | | | | |
| | Specific Gravity (| H ₂ O = 1) | | T | | | |
| N/A | ,, | | | 1.77 | | | |
| | Melting Point | | | | | | |
| N/A | | | | N/A | | | |
| | Evaporation Rate | | | | | | |
| N/A | (Butyl Acetate = 1) | | | N/A | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 1 | | | | | | | |
| | Flammable Limits | | LEL | UEL · | | | |
| | | N/A | | | | | |
| | | | | | | | |
| edures | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | 27 | | | |
| | | | | | | | |
| | nformation n Name(s)) cs N/A N/A N/A | Emergency Teleptone Numb 508- Date Prepared Signature of Prep Signature of Prep Signature of Prep A Melting Point N/A Evaporation Rate (Butyl Acetate = | Emergency Telephone Number 508-454-0400 Telephone Number for Information 508-454-0400 Date Prepared Upper Signature of Preparer (optional) Information In Name(s)) OSHA PEL ACGIH TLV ACGIH | Emergency Telephone Number 508–454–0400 Telephone Number for Information 508–454–0400 Date Prepared Updated 10/89 Signature of Preparer (optional) In Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended Recommended Specific Gravity (H ₂ O = 1) N/A Melting Point N/A Evaporation Rate (Butyl Acetate = 1) Flammable Limits N/A LEL N/A | | | |

| Castion V | Reactivity Da | ta | | | | | |
|--------------------------------------|--------------------------------|-------------|--------------------------|---------|-----------------|----------------------|----------------|
| Stability | Unstable | la | Conditions to Avoid | | | | - ∴ |
| C.L.L. | Chable | - | Strong oxidizin | g media | a will reduc | e fiber to | . 2 |
| | Stable | Х | CO, CO ₂ gas. | | | | |
| Incompatibility | (Materials to Avoid | 2) | See above . | | | | |
| Hazardous Deco | emposition or Bypro | ducts | CO, CO ₂ | | | | |
| Hazardous | May Occur | Т | Conditions to Avoid | | | | |
| Polymerization | Will Not Occur | - | | | . | | |
| | | X | Carbon fiber is | basica | ally inert | | |
| | - Health Hazar | | | Skin? | | Ingestion? | |
| Route(s) of Entr | In some of | | see section, VIII | Y | es. | No. | |
| Health Hazards | (Acute and Chronic Extended | or re | peated exposure c | an cau | se skin irr | itation. | 515750 |
| | | | | | | | |
| | | | | | | | |
| Carcinogenicity: | | TP? | | IARC Mo | nographs? | OSHA Regulated? | |
| | No. | | | | | | |
| Sions and Symp | otoms of Exposure | | | | | | |
| | Possible ra | sh | | | | | |
| | | | | | | | |
| Medical Condition Generally Aggra | ons ivated by Exposure | No | ne known. | | | | |
| | - 10 | | | | | | |
| Emergency and | First Aid Procedure | es ion w | ash thoroughly wi | th soa | n and water | | |
| O TCTTCVC | SKIN IIIICA | LIOII W | ash choloughly wi | cii soa | p and water | | |
| Section VII | _ Precautions | for Saf | e Handling and Use | | | | |
| | ken in Case Materia | | | | | | |
| | | | N/A | | | | |
| P | | | | | | | |
| | | | | | | | |
| Waste Disposal Landfill | | istria | lly approved. Do | not i | ncinorato | | |
| | 21101 | JOEL LG | ary approved. Bo | HOC I | nemerace. | x | |
| Precautions to 8 | Be Taken in Handli | ng and St | oring | | -11 | | |
| | | | | | | nimize (l) skin irri | tation, |
| (2) Elect Other Precaution | | in s | witchgear, etc., | due to | conductivi | ty of fiber. | |
| Other Freedotto | None. | | - | | | | |
| | | | | | | | |
| Section VIII | - Control Me | asures | | | 1 | | |
| Respiratory Prot | ection (Specify Type | e) | annlicable if hi | ch doc | ros of fibe | r fly is experienced | |
| Ventilation | Local Exhaust | - 6 | or airborne fiber | gir deg | Special | r ily is experienced | • |
| | Mechanical (Gene | eral) | or airborne fiber | remov | Other | | |
| Protective Glove | | / | | E * | | ., | |
| | Yes | | ٠. | Eye F | Protection Safe | ty glasses | |
| | Clothing or Equipr | | ective cormont to | 014-4 | | le skin irritation. | |
| Work/Hygienic F | ractices | | | | - | IE SKIR ITTITATION. | |
| Gloves (| Ivvek) and l | HZOIN | approved nuisance | dust 1 | mask. | + U\$GPO 190 | 86-491-529/457 |
| | | | | - | | | |