



Safety Data Sheet
according to ISO 11014 and 29 CFR 1910.1200

Version number 2

Reviewed on 11/06/2015

1 Identification

- . **Product identifier**
- . **Trade name: OSI Poly Transfer System Powder**
- . **Article number:** 91
- . **Application of the substance / the mixture** Hotmelt adhesives

. **Manufacturer/Supplier**

One Stroke Inks
458 Roberts Ave, Louisville, KY 40214
502-366-1070
www.onestrokeinks.com

. After hours **Emergency contact:**

CHEMTREC 800-424-9300

2 Hazard(s) identification

- . **Classification of the substance or mixture**
Combustible Dust May form combustible dust concentrations in air.

. **Label elements**

. **GHS label elements**

The substance is classified and labeled according to the Globally Harmonized System (GHS).

. **Hazard pictograms** Void

. **Signal word** Warning

. **Hazard statements**

May form combustible dust concentrations in air.

. **Classification system:**

. **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0

. **HMIS-ratings (scale 0 - 4)**



HEALTH 0 Health = 0
FIRE 1 Fire = 1
REACTIVITY 0 Reactivity = 0

. **Other hazards**

. **Results of PBT and vPvB assessment**

- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.

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3 Composition/information on ingredients

- . **Chemical characterization: Substance**
- . **CAS No. Description**
Copolyester

4 First-aid measures

- . **Description of first aid measures**
- . **General information:** No special measures required.
- . **After inhalation:** Seek medical treatment in case of complaints.
- . **After skin contact:**
After contact with the molten product, cool rapidly with cold water.
Do not pull solidified product away from the skin.
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.
- . **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- . **Advice for firefighters**
- . **Protective equipment:** Use self-contained breathing apparatus and protective fire fighting clothing.
- . **Additional information**
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- . **Personal precautions, protective equipment and emergency procedures** Not required.
- . **Environmental precautions:** No special measures required.
- . **Methods and material for containment and cleaning up:** Pick up mechanically.
- . **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.

7 Handling and storage

- . **Handling:**
- . **Precautions for safe handling** No special measures required.
- . **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

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Dust can combine with air to form an explosive mixture.

. Conditions for safe storage, including any incompatibilities

. Storage:

. Requirements to be met by storerooms and receptacles: No special requirements.

. Information about storage in one common storage facility: Not required.

. Further information about storage conditions: None.

. 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:

National workplace exposure limits for airborne particles (respirable and inhalable dust) have to be observed.

. Exposure controls

. Personal protective equipment:

. General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

. Breathing equipment: Not required.

. Protection of hands: Protective gloves

. 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.

. 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: Safety glasses

. Body protection: Protective work clothing

9 Physical and chemical properties

. Information on basic physical and chemical properties

. General Information

. Appearance:

Form: Powder

Color: White

. Odor: Nearly odorless

. Change in condition

Melting point/Melting range: 110-160 °C (230-320 °F)

Boiling point/Boiling range: Not determined.

. Flash point: Not applicable.

. Decomposition temperature: > 300 °C (> 572 °F)

. Auto igniting: Product is not selfigniting.

. Danger of explosion: Risk of dust explosion

. Density at 20 °C (68 °F): > 1.0 g/cm³ (> 8.345 lbs/gal)

. Solubility in / Miscibility with

Water: Insoluble.

. Other information No further relevant information available.

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10 Stability and reactivity

- . **Reactivity** Reacts with strong acids and oxidizing agents.
- . **Chemical stability** No decomposition if used and stored according to specifications.
- . **Possibility of hazardous reactions** Risk of dust explosion.
- . **Conditions to avoid** No further relevant information available.
- . **Incompatible materials:** No further relevant information available.
- . **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- . **Information on toxicological effects**
- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the skin:** No irritant effect.
- . **on the eye:** No irritant effect.
- . **Sensitization:** No sensitizing effects known.
- . **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- . **Carcinogenic categories**

- . **IARC (International Agency for Research on Cancer)**

Substance is not listed.

- . **NTP (National Toxicology Program)**

Substance is not listed.

- . **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not 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:** Generally not hazardous for water
- . **Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **Other adverse effects** No further relevant information available.

13 Disposal considerations

- . **Waste treatment methods**
- . **Recommendation:**
On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.

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

14 Transport information

- | | |
|--|---|
| . UN-Number | Void |
| . DOT, ADR, ADN, IMDG, IATA | Void |
| . UN proper shipping name | Void |
| . DOT, ADN, IMDG, IATA | Void |
| . ADR | Void |
| . Transport hazard class(es) | Void |
| . DOT, ADR, ADN, IMDG, IATA | Void |
| . Class | Void |
| . Packing group | Void |
| . DOT, ADR, IMDG, IATA | Void |
| . Environmental hazards: | |
| . Marine pollutant: | No |
| . Special precautions for user | Not applicable. |
| . Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| . Transport/Additional information: | Not dangerous according to ADR/RID/IMDG/IATA. |
| . UN "Model Regulation": | Void |

15 Regulatory information

- . **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . **Sara**

. **Section 355 (extremely hazardous substances):**

Substance is not listed.

. **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

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

Substance is listed.

. **Proposition 65**

. **Chemicals known to cause cancer:**

Substance is not listed.

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

Substance is not listed.

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

Substance is not listed.

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

Substance is not listed.

. **Carcinogenicity categories**

. **EPA (Environmental Protection Agency)**

Substance is not listed.

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

Substance is not listed.

. GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

. Hazard pictograms Void

. Signal word Warning

. Hazard statements

May form combustible dust concentrations in air.

. 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.

. Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative