

MATERIAL SAFETY DATA SHEET

NIKKEN SPRAY POWDER S-10 & S-20

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product identifier : NIKKEN SPRAY POWDER S-10 & S-20
Product use : Anti-blocking/Anti-setoff spray powder for offset printing use.
Manufacturer's name : Nikken Printing Supply U.S.A., Inc.
Address : 1117 Tower Road, Schaumburg, IL 60173
Emergency Tel/Fax No. : 1-800-535-5053 (INFOTRAC)

SECTION 2 - COMPONENT HAZARD DATA

Main Component(s)	CAS Number	Percentage ranges
Starch	9005-25-8	<100.0 (%)

SECTION 3 - PHYSICAL DATA

Appearance and odor : White Powder
Boiling point : N/A
Specific Gravity(H₂O=1) : N/A
Vapor density(air = 1) : N/A
Vapor pressure : N/A
Solubility in water : N/A
Percent volatile by volume(%) : N/A
Evaporation rate : N/A
(n-butyl acetate=1)

SECTION 4 - FIRE AND EXPLOSION DATA

Conditions of Flammability : High dust levels in air could produce the conditions for a dust explosion.
Flash point and method : N/A
Extinguishing media : Dry chemical; carbon dioxide; CO₂ halogen agent.
Special fire fighting procedures : Use self-contained air supply for respiratory assistance and wear protective clothing to prevent contact with skin and eyes.
Unusual fire/explosion hazards : None.

SECTION 5 - REACTIVITY DATA

Chemical stability : Stable under normal condition.
Conditions to avoid : Avoid exposure to high heat sources, open flame, and strong oxidizing agents.
Incompatibility : Avoid strong oxidizing agents.
Hazardous decomposition product : None.
Hazardous polymerization : Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route(s) of entry : Inhalation; ingestion; skin contact; eye contact.
Effects of acute exposure : May be mild irritation to skin, eyes, nose and throat.
Effects of chronic exposure : Not expected.
Carcinogenicity : The components of this product have not shown any evidence of carcinogenicity.

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SECTION 7 - PREVENTIVE MEASURES

A) Special Protection Information

Respiratory protection : Recommended.
Ventilation : Local exhaust: Recommended.
: Mechanical(General): Should be sufficient in work area.
Skin protection : Latex; dry rubber; Neoprene water-proof gloves.
Eye protection : Safety glasses to avoid chemical splash.
Other protective equipment : Rubber or plastic apron.

B) Spill, Leak and Disposal procedures

Spill or leak : Minor spills may be absorbed with ground clay, vermiculite, or similar absorbent material.
Use chemical vacuum or other safe and approved method to remove major spills. Then place
into proper containers for legal disposal.
Disposal : Dispose into non-hazardous refuse (Consult with Federal, State and/or local regulatory
agencies for appropriate disposal methods.)

C) Special Precautions and Comments

Special handling & work practice : Do not take internally. Ventilation in work area should be sufficient. Remove and wash
contaminated clothing immediately. Keep containers tightly closed and wash hands thoroughly
after use.
Storage requirements : Store this product in a cool, dark, and well-ventilated place, away from open flame, extreme
heat and fire hazards.

SECTION 8 - FIRST AID MEASURES

Eye contact : Immediately flush eyes with water for 15 minutes. Seek medical attention.
Skin contact : Wash thoroughly with soap and water. Remove contaminated clothing.
Inhalation : Remove victim to fresh air.
Ingestion : Non-Toxic. Call physician if necessary.

SECTION 9 - PREPARATION DATE OF MSDS

Date of preparation : January 15, 2003
Prepared by : Nikken Chemical Laboratory Co., Ltd.
Telephone : (Japan) +81 52 204 0558
Facsimile : (Japan) +81 52 219 2495

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