

SAFETY DATA SHEET

OFFSET INK TACK REDUCING ADDITIVE

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MANUFACTURED FOR/BY ; Tokyo Printing Ink Corporation U.S.A.
ADDRESS ; 2695 Temple Avenue, Signal Hill, CA 90755
TELEPHONE NO. ; (562) 424-2226
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SECTION 1 PRODUCT IDENTIFICATION

COMMON NAME ; Offset-Printing Ink Tack-Reducing Additive
PRODUCT NAME ; Gel Reducer

SECTION 2 HAZARDOUS INGREDIENTS

COMPONENTS	CAS No.	WT. %
Hydrotreated Petroleum Hydrocarbon	64742-46-7	89-90
Polyethylene Wax	9002-88-4	9.5-10
Aluminium Oxide Stearate	13419-15-3	0.5>

SECTION 3 HAZARDOUS IDENTIFICATION

None if used properly.

SECTION 4 PHYSICAL DATA

APPEARANCE ; Paste	SPECIFIC GRAVITY ; 0.83-0.88 (25°C)
COLOR ; Colorless	BOILING POINT ; NE
ODOR ; Solvent Odor	VAPOR DENSITY ; NE
MOLECULAR WEIGHT ; NE	VAPOR PRESSURE ; NE
PH ; NE	SOLUBILITY IN WATER ; Insoluble

SECTION 5 FIRE AND EXPROSION DATA

FLASH POINT ; 150-160°C (Open Air)
FLAMMABLE LIMITS / UPPER ; NE LOWER ; NE
EXTINGUISH MEDIA ; Water, Fog, Foam, Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES ; Keep out of smoke. Self contained breathing apparatus is recommended.
UNUSUAL FIRE AND EXPROSION HAZARDS ; NE

SECTION 6 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

INHALATION ; May cause respiratory irritation and dizziness.
SKIN ; May cause irritation, defatting, allergic contact dermatitis and sensitization.
EYE ; Will cause severe irritation.
INGESTION ; May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

EMERGENCY FIRST AID PROCEDURE

INHALATION ; Move to fresh air. Aid in breathing and get medical attention, if necessary.
SKIN ; Remove contaminated clothing and wash well with soap and water.
EYE ; Flush with plenty water immediately for at least 15 min. and get medical attention.
INGESTION ; Drink a large quantity of water. If available, milk is better. Get medical attention.

SECTION 7 REACTIVITY DATA

STABILITY ; Stable
CONDITION TO AVOID ; Heat, Spark, Open flame
INCOMPATIBILITY ; May react with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS ; may evolve noxious fumes such as carbon oxide, nitrous oxide when involved in a fire burning.
HAZARDOUS POLYMERIZATION ; Not expected.

SECTION 8 SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED AND SPILLED ; Wipe out and placed in a suitable covered container for disposal.
DISPOSAL METHOD ; Dispose in accordance with local, country, state and federal regulation.

SECTION 9 PROTECTION MEASURES

RESPIRATION ; Use respirator, if necessary.
VENTILATION ; Use general and local exhaust ventilation.
SKIN ; Rubber gloves is recommended.
EYE ; Safety glasses is recommended.
OTHER ; Use apron, coverall and boots, if necessary.

SECTION 10 SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTION IN HANDLING AND STORING ; Store in sealed container and keep away from high temperature (40°C<), direct sunlight and excessive moisture.
AVERAGE SHELF LIFE ; 6 months or more

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogen	None	Teratogen	None
Mutagen	None	Reproductive toxicity	None

SECTION 12 ECOLOGICAL INFORMATION

There is no evidence to cause environmental problem.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with local, country, state and federal regulation. Do not discharge into sewer systems.

SECTION 14 TRANSPORTATION INFORMATION

There is no hazardous information.

SECTION 15 REGULATORY INFORMATION

TSCA (Toxic Substance Control Act) SARA Title III	All ingredients are listed.
(Superfund Amendments and Reauthorization Act)	Contains less than 0.8% of a Cobalt Compound.
FDA (Food and Drug Administration)	These varnishes would not be approved to contact directly with food.
EINECS (European Economic Community)	All materials are listed.

SECTION 16 OTHER INFORMATION

This information is based on our current level of knowledge. It is intended describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

NE ; Not Established.