

MATERIAL SAFETY DATA SHEET

000287

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Minolta Camera Co., Ltd.	EMERGENCY TELEPHONE NO. 06-271-2251
ADDRESS (Number, Street, City, State, and ZIP Code) Osaka Kokusai Bldg., 30, 2-chome, Azuchi-machi, Higashi-ku, Osaka 541 Japan	
CHEMICAL NAME AND SYNONYMS Styrene-acrylic Resin, Carbon Black, Dye, Silica TRADE NAME AND SYNONYMS Mi Toner 300's + 530R	
CHEMICAL FAMILY Resin, Carbon Black, Dye, Silica	FORMULA (CH ₂ -C(C ₆ H ₅)) _n (CH-COOR) _m , C, SiO ₂

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	None		BASE METAL	None	
CATALYST	None		ALLOYS	None	
VEHICLE	None		METALLIC COATINGS	None	
SOLVENTS	None		FILLER METAL PLUS COATING OR CORE FLUX	None	
ADDITIVES	None		OTHERS	None	
OTHERS	None				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
				None	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	n.a.	SPECIFIC GRAVITY (H ₂ O=1)	1.10
VAPOR PRESSURE (mm Hg.)	n.a.	PERCENT, VOLATILE BY VOLUME (%)	n.a.
VAPOR DENSITY (AIR=1)	n.a.	EVAPORATION RATE (_____ =1)	n.a.
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Fine, Black Powder, practically odourless		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Higher than 350°C	FLAMMABLE LIMITS n.a.	Lel	Uel
EXTINGUISHING MEDIA If product becomes involved in a fire, use CO ₂ .			
SPECIAL FIRE FIGHTING PROCEDURES			
Water, foam or dry chemical.			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
None in normal storage and use conditions.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

8mg/m³ Total Dust (Nuisance)

EFFECTS OF OVEREXPOSURE

Neither irritating, corrosive, volatile nor toxic.

EMERGENCY AND FIRST AID PROCEDURES

Normal washing with soap and water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

None

HAZARDOUS DECOMPOSITION PRODUCTS

None in normal handling and use.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up or pick up by vacuum cleaner.

Dust filter respirator required when TLV exceeded.

WASTE DISPOSAL METHOD

Disposal should conform to local regulation.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Normally not required.

VENTILATION

LOCAL EXHAUST

Normally not required.

SPECIAL

MECHANICAL (General)

Acceptable under normal use conditions.

OTHER

PROTECTIVE GLOVES

Normally not required.

EYE PROTECTION

Normally not required.

OTHER PROTECTIVE EQUIPMENT

Gloves and dust filter respirator recommended when handling bulk amounts.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed. Store in a cool, dry place.

Do not store near combustibles or heat sources.

OTHER PRECAUTIONS

Avoid inhalation of dust.