

SHAPE PRODUCTS

-- DEVELOPER, PHOTOGRAPHIC

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MSDS Safety Information  
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FSC: 6750  
NIIN: 00-514-1865  
MSDS Date: 05/29/1996  
MSDS Num: BZJGH  
Product ID: DEVELOPER, PHOTOGRAPHIC  
MFN: 01  
Responsible Party  
Cage: 3D869  
Name: SHAPE PRODUCTS  
Address: 1127 57TH AVE.  
City: OAKLAND CA 94606  
Info Phone Number: 510-534-1186  
Emergency Phone Number: 510-534-1186  
Preparer's Name: -VBA  
Review Ind: Y  
Published: Y

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Preparer Co. when other than Responsible Party Co.  
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Cage: 3D869  
Name: SHAPE PRODUCTS  
Address: 1127 57TH AVE.  
City: OAKLAND CA 94621-4427

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Contractor Summary  
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Cage: 3D869  
Name: SHAPE PRODUCTS  
Address: 1127 57TH AVE.  
City: OAKLAND CA 94621-4427  
Phone: 510-534-1186 OR 800-444-0015

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Item Description Information  
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Item Manager: S9G  
Item Name: DEVELOPER, PHOTOGRAPHIC  
Specification Number: MIL-D-4824  
Type/Grade/Class: TY 4  
Unit of Issue: CN  
UI Container Qty: UNKNOWN  
Type of Container: UNKNOWN

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Ingredients  
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Cas: 123-31-9  
RTECS #: MX3500000  
Name: HYDROQUINONE (SARA 302/313) (CERCLA)  
% Wt: 1.3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 2 MG/M3  
ACGIH TLV: 2 MG/M3; 9495  
EPA Rpt Qty: 1 LB  
DOT Rpt Qty: 1 LB

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Cas: 92-43-3  
RTECS #: UQ8750000  
Name: 1-PHENYL-3-PYRAZOLIDONE  
% Wt: 0.3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 7758-02-3  
RTECS #: TS7650000  
Name: POTASSIUM BROMIDE  
% Wt: 1.3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 7757-83-7  
RTECS #: WE2150000  
Name: SODIUM SULFITE  
% Wt: 30.3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 95-14-7  
RTECS #: DM1225000  
Name: BENZOTRIAZOLE  
% Wt: 0.1  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 5968-11-6  
RTECS #: 1003578SC  
Name: SODIUM CARBONATE  
% Wt: 54.7  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED IN SPECIFICATION  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Effects of Exposure: EYE: CAUSES SEVERE EYE IRRITATION. LONG TIME EXPOSURE  
CAN CAUSE VISUAL IMPAIRMENT. SKIN: MAY CAUSE SKIN IRRITATION & ALLERGIC  
SKIN REACTIONS IN SOME INDIVIDUALS. INHALATION: MAY BE TOXIC IF LARGE  
AMOUNT IS INHALED. INGESTION: MAY BE TOXIC I F LARGE AMOUNT IS INGESTED.  
Explanation Of Carcinogenicity: LIMITED INFORMATION AVAILABLE FOR THIS ITEM  
SINCE MSDS FROM MFG IS UNAVAILABLE.  
Signs And Symptoms Of Overexposure: EYE, SKIN & MEMBRANE IRRITATION.  
INGESTION MAY CAUSE PAIN, VOMITING AND DIARRHEA.  
Medical Cond Aggravated By Exposure: ANY PREEXISTING SENSITIVITY, ALLERGY, OR  
ORGAN DYSFUNCTION.

First Aid: EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST TEN MINUTES WHILE HOLDING EYELIDS OPEN AND CONTACT A PHYSICIAN. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INGESTION: IMMEDIATELY CONTACT A PHYSICIAN OR POISON CONTROL CENTER.

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Handling and Disposal  
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Spill Release Procedures: DIKE & COLLECT LARGE SPILLS. WASH SPILL AREA WITH WATER TO REMOVE RESIDUE.

Neutralizing Agent: NONE SPECIFIED IN SPECIFICATION.

Waste Disposal Methods: CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

Handling And Storage Precautions: STORE IN A DRY, COOL PLACE AWAY FROM RADIOACTIVE MATERIALS. THIS ITEM IS SUPPLIED AS A DRY CHEMICAL IN POWDER FORM.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information  
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Flash Point Text: NONFLAMMABLE

Extinguishing Media: ANY SUITABLE MEDIA FOR SURROUNDING FIRE

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: UNKNOWN

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Control Measures  
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Respiratory Protection: NORMALLY NOT NEEDED IF WORKING IN AN AREA WITH ADEQUATE VENTILATION.

Ventilation: NORMAL ROOM VENTILATION.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL GOGGLES.

Other Protective Equipment: EYE WASH FACILITIES AND PROTECTIVE CLOTHING .

Work Hygienic Practices: DO NOT GET IN EYES OR ON SKIN. WEAR CHEMICAL GOGGLES & PROTECTIVE GLOVES WHEN HANDLING.

Supplemental Safety and Health: THIS MSDS IS GENERATED FOR A TECHNICAL SUPPORT REQUEST. THE MFG HAS NO MSDS FOR THIS PRODUCT. THIS INFORMATION IS BASED ON THE MILITARY SPECIFICATION (MIL-D-4824) FOR DEVELOPERS, PHOTOGRAPHIC WHICH LISTED THE CHEMICALS FOR THIS MSDS. THE INFORMATION CONTAINED WITHIN MAY OR MAYNOT BE CORRECT. USE THIS ACCORDLINGLY.

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Physical/Chemical Properties  
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HCC: T6

Decomp Text: UNKNOWN

Solubility in Water: COMPLETE

Appearance and Odor: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES

Materials To Avoid: STRONG ACIDS

Hazardous Decomposition Products: NONE SPECIFIED IN SPECIFICATION

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 3D869

Trans ID NO: 74316

Product ID: DEVELOPER, PHOTOGRAPHIC

MSDS Prepared Date: 05/29/1996

Review Date: 02/11/1998

MFN: 1

Tech Entry NOS Shipping Nm: HYDROQUINONE, 1-PHENYL-3-PYRAZOLIDONE, SODIUM  
SULFITE, POTASSIUM BROMIDE

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: UNKNOWN

Type Of Container: UNKNOWN

Additional Data: THIS MSDS WAS GENERATED FOR A TECHNICAL SUPPORT REQUEST  
USING THE MIL-SPEC (MIL-D-4824D) FOR SOURCE OF INFORMATION. THIS MAY OR MAY  
NOT BE CORRECT. THE MFG HAD NO MSDS FOR THIS ITEM.

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Detail DOT Information  
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DOT PSN Code: QLV

DOT Proper Shipping Name: TOXIC SOLID, INORGANIC, N.O.S.

Hazard Class: 6.1

UN ID Num: UN3288

DOT Packaging Group: II

Label: POISON

Packaging Exception: NONE

Non Bulk Pack: 212

Bulk Pack: 242

Max Qty Pass: 25 KG

Max Qty Cargo: 100 KG

Vessel Stow Req: A

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Detail IMO Information  
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IMO PSN Code: OTQ

IMO Proper Shipping Name: TOXIC SOLID, INORGANIC, N.O.S. o

IMDG Page Number: 6270-6

UN Number: 3288

UN Hazard Class: 6.1  
IMO Packaging Group: I/II/III  
Subsidiary Risk Label: -  
EMS Number: 6.1-04  
MED First Aid Guide NUM: T

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Detail IATA Information  
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IATA PSN Code: YJE  
IATA UN ID Num: 3288  
IATA Proper Shipping Name: TOXIC SOLID, INORGANIC, N.O.S. \*  
IATA UN Class: 6.1  
IATA Label: TOXIC  
UN Packing Group: II  
Packing Note Passenger: 613  
Max Quant Pass: 25KG  
Max Quant Cargo: 100KG  
Packaging Note Cargo: 615  
Exceptions: A5

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Detail AFI Information  
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AFI PSN Code: YIE  
AFI Symbols: \*  
AFI Proper Shipping Name: TOXIC SOLID, ORGANIC, N.O.S.  
AFI Hazard Class: 6.1  
AFI UN ID NUM: UN2811  
AFI Packing Group: II  
Special Provisions: P5  
Back Pack Reference: A10.6

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HAZCOM Label  
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Product ID: DEVELOPER, PHOTOGRAPHIC  
Cage: 3D869  
Company Name: SHAPE PRODUCTS  
Street: 1127 57TH AVE.  
City: OAKLAND CA  
Zipcode: 94621-4427  
Health Emergency Phone: 510-534-1186  
Label Required IND: Y  
Date Of Label Review: 05/30/1996  
Status Code: C  
MFG Label NO: NONE  
Label Date: 05/30/1996  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: None  
Reactivity Hazard: None  
Hazard And Precautions: EYE: CAUSES SEVERE EYE IRRITATION. SKIN: MAY CAUSE  
SKIN IRRITATION & ALLERGIC SKIN REACTIONS IN SOME INDIVIDUALS. INHALATION:  
MAY BE TOXIC IF LARGE AMOUNT IS INHALED. INGESTION: MAY BE TOXIC IF LARGE

AMOUNT IS INGESTED. STORE IN A DRY, COOL PLACE AWAY FROM RADIOACTIVE MATERIALS. THIS ITEM IS SUPPLIED AS A DRY CHEMICAL IN POWDER FORM. FIRST AID: EYE:IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST TEN MINUTES WHILE HOLDING EYELIDS OPEN AND CONTACT A PHYSICIAN. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INGESTION: IMMEDIATELY CONTACT A PHYSICIAN OR POISON CONTROL CENTER. TARGET ORGANS: SKIN, EYES.

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