

HS Graphic Arts

3M COMPANY PRINTING & PUBLISHI -- 77-9802-5398 VIKING 2-IN-1 DEVELOPER-GUM

MSDS Safety Information

FS# 6750
NI# 01-290-6389
MSDS Date: 09/29/1993
MSDS Num: BSDTQ
Product ID: 77-9802-5398 VIKING 2-IN-1 DEVELOPER-GUM
MFN: 03
Responsible Party
Cage: 28174
Name: 3M COMPANY PRINTING & PUBLISHING SYSTEM
Address: 3M CENTER
City: SAINT APUL MN 55144-1000
Info Phone Number: 612-733-1341
Emergency Phone Number: 612-733-1341
Review Ind: Y
Published: Y

Contractor Summary

Cage: 28174
Name: IMATION CORP COLOR TECHNOLOGIES DIV
Address: 1 IMATION PL
City: SAINT PAUL MN 55128-3421
Phone: 651-704-4827

Item Description Information

Item Manager: S9I
Item Name: DEVELOPER, PHOTOGRAPHIC
Specification Number: UNKNOWN
Type/Grade/Class: UNKNOWN
Unit of Issue: GL
UI Container Qty: 1
Type of Container: BOTTLE

Ingredients

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% Wt: 80-90
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 9050-36-6
Name: MALTODEXTRIN
% Wt: 3-7
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 100-51-6
RTECS #: DN3150000
Name: BENZYL ALCOHOL
% Wt: 1-5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 25638-17-9  
 Name: SODIUM BUTYLNAPHTHALENESULFONATE  
 % Wt: 1-5  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED

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 Cas: 10196-04-0  
 Name: AMMONIUM SULFITE (SARA III)  
 % Wt: 1-5  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 EPA Rpt Qty: 5000 LBS  
 DOT Rpt Qty: 5000 LBS

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 RTECS #: 9999999VO  
 Name: VOLATILE ORGANIC COMPOUND 36.2 GM/L; VOC LESS H2O & EXMPT SOLVENT  
 863.8 GM/L.  
 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: ORAL LD50 (RAT) IS UNKNOWN  
 Route Of Entry Inds - Inhalation: YES  
 Skin: YES  
 Ingestion: YES  
 Carcinogenicity Inds - NTP: NO  
 IARC: NO  
 OSHA: NO  
 Effects of Exposure: ACUTE: INHALATION, SKIN ABSORPTION, OR INGESTION MAY CAUSE  
 CENTRAL NERVOUS SYTEM DEPRESSION. INHALATION MAY CAUSE RESPIRATORY  
 IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. INGESTION MAY CAUSE  
 GI TRACT IRRITATION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE  
 DERMATITIS, ALLERGIC SKIN REACTION.  
 Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR  
 GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
 Signs And Symptions Of Overexposure: INHALED: HEADACHE, DIZZINESS, DROWSINESS,  
 INCOORDINATION, SLURRED SPEECH, GIDDINESS, UNCONSCIOUSNESS, COUGHING,  
 SNEEZING, WHEEZING. EYES: REDNESS, SWELLING, PAIN, TEARING, HAZY VISION.  
 SKIN: REDNESS, SWELLING, BLISTERING, ITCHING. INGESTED: SIMILAR TO INHALED  
 PLUS; STOMACH PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA  
 Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
 First Aid: INHALED: REMOVE TO FRESH AIR. IF SYMPTOMS CONTINUE, SEE DOCTOR.  
 EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR.  
 SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. SEE DOCTOR IF  
 IRRITATION PERSISTS. INGESTED: IF CONSCIOUS, DRINK 2 GLASSES OF WATER. GET  
 MEDICAL ATTENTION.

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 Handling and Disposal  
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Spill Release Procedures: FLUSH AREA WITH WATER OR ABSORB WITH INERT MATERIAL  
 AND PLACE IN A CONTAINER FOR LATER DISPOSAL.  
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
 Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
 REGULATIONS. MANUFACTURER RECOMMENDS FLUSHING TO WASTEWATER TREATMENT FOR  
 QUANTITIES UNDER 5 GALLONS. NO US EPA NUMBER (PER MANUFACTURER).  
 Handling And Storage Precautions: STORE AWAY FROM HEAT. KEEP CONTAINER CLOSED  
 WHEN NOT IN USE.  
 Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

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Flash Point Method: TCC  
Flash Point Text: 200F,93C  
Lo Limits: UNKNOWN  
Up Limits: UNKNOWN  
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, FOAM  
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL  
PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard: NONE KNOWN  
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Control Measures

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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR  
EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR  
RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.  
Ventilation: USE ADEQUATE LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW  
TLV.  
Protective Gloves: NITRILE  
Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES  
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER. ; EYE WASH STATION  
& SAFETY SHOWER.  
Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR  
SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.  
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Physical/Chemical Properties

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HCC: N1  
B.P. Text: 216F,102C  
M.P/F.P Text: UNKNOWN  
Decomp Text: UNKNOWN  
Vap Pres: 17.5 MM HG  
Vap Density: UNKNOWN  
Spec Gravity: 1.035 (WATER=1)  
PH: 7.0  
Viscosity: 1.6  
Evaporation Rate & Reference: UNKNOWN  
Solubility in Water: APPRECIABLE  
Appearance and Odor: CLEAR AMBER LIQUID; MILD SOAP ODOR  
Percent Volatiles by Volume: 93  
Corrosion Rate: UNKNOWN  
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Reactivity Data

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Stability Indicator: YES  
Stability Condition To Avoid: NONE KNOWN  
Materials To Avoid: NONE KNOWN  
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE  
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Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

## Other Information

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Transportation Information  
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Responsible Party Cage: 28174  
 Trans ID NO: 122598  
 Product ID: 77-9802-5398 VIKING 2-IN-1 DEVELOPER-GUM  
 MSDS Prepared Date: 09/29/1993  
 Review Date: 12/20/1993  
 MFN: 3  
 Net Unit Weight: 8.6 LBS  
 Multiple KIT Number: 0  
 Review IND: Y  
 Unit Of Issue: GL  
 Container QTY: 1  
 Type Of Container: BOTTLE

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Detail DOT Information  
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DOT PSN Code: ZZZ  
 DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information  
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IMO PSN Code: ZZZ  
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information  
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IATA PSN Code: ZZZ  
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ  
 AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: 77-9802-5398 VIKING 2-IN-1 DEVELOPER-GUM  
 Cage: 28174  
 Company Name: IMATION CORP COLOR TECHNOLOGIES DIV  
 Street: 1 IMATION PL  
 City: SAINT PAUL MN  
 Zipcode: 55128-3421  
 Health Emergency Phone: 612-733-1341  
 Label Required IND: Y  
 Date Of Label Review: 12/20/1993  
 Status Code: C  
 Label Date: 12/20/1993  
 Year Procured: 1993  
 Origination Code: F  
 Chronic Hazard IND: Y  
 Eye Protection IND: YES  
 Skin Protection IND: YES  
 Signal Word: CAUTION  
 Respiratory Protection IND: YES  
 Health Hazard: Slight  
 Contact Hazard: Slight  
 Fire Hazard: Slight  
 Reactivity Hazard: None  
 Hazard And Precautions: INHALATION, SKIN ABSORPTION, OR INGESTION MAY CAUSE

CENTRAL NERVOUS SYTEM DEPRESSION. INHALATION MAY CAUSE RESPIRATORY IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. INGESTION MAY CAUSE GI TRACT IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY CAUSE DERMATITIS, ALLERGIC SKIN REACTION. FIRST AID: INHALED: REMOVE TO FRESH AIR. IF SYMPTOMS CONTINUE, SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD EYES OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. SEE DOCTOR IF IRRITATION PERSISTS. INGESTED: IF CONSCIOUS, DRINK 2 GLASSES OF WATER. GET MEDICAL ATTENTION. TARGET ORGANS: LUNGS, CNS, SKIN.

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