

Marbling Class Pack

FROM : R G & S *** Jacquard products PHONE NO. : 707 433 9577

May. 29 2002 12:32PM P3

Rwd 05-29-02 ✓

01232-1009

MATERIAL SAFETY DATA SHEET
OSHA Hazard Communication
Standard (29 CFR 1910.1200)

SIMILAR TO OSHA FORMS 20 AND 174
US Department of Labor
Printed on 7/02/91 at 09:42:07a

Material Identity
Jacquard Marbling Color

Seq. No. 1 Rev. No. 1
Certification

SECTION I MANUFACTURER'S NAME AND LOCATION

Manufact. Name Rupert, Gibbon & Spider
Address line 1 P.O. Box 425
Address line 2 Healdsburg, CA 95448
Address line 3 USA
Info. Tel. No. 707-433-9577 Emerg. Tel. No. 1(800)468-6942
Prep. Date 6/26/91 Responsible Person Michael Katz
Title President

SECTION II HAZARDOUS INGREDIENTS/IDENTITY/STANDARD/CONTENT INFORMATION

Ingredient List	CAS No.	OSHA PEL	ACGIH TLV	STEL
Surfactant	N/L	N/L	N/L	N/L
Silicone Emulsion	N/L	N/L	N/L	N/L
Castor Oil	N/L	N/L	N/L	N/L
Pigments	Mixture	N/L	N/L	N/L

This product has not been tested in animals but the Toxicologist reviewing this product has judged the formulation to be "Not Rated Acutely Toxic". It is not likely to be an irritant to the eyes or skin. However, as with all chemical mixtures, it is prudent to avoid contact with eyes and skin..

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/D	Deg. F (Cel)	Spec. Grav. N/D
Melting Point	N/D	Deg. F (Cel)	(H2O=1)
Vapor Pressure	N/D		Vapor Density N/D
Evaporation Rate	N/D		Water Solubility N/D
Odor	Odor of Latex paint.	Appearance	Colored liquid paint in 8 colors.

V-1895

SECTION IV FIRE and EXPLOSION HAZARD DATA

Flash Point N/D Deg. F. (Cel) Flash Pt. Method N/D
 Lower Flam. Limit N/D % Upper Flam. Limit N/D
 Exting. Medium Use water, foam, carbon dioxide or dry chemical. This product not likely to burn when wet.
 Specialized Fire Fighting Proc. None required for this material. However, when fighting any fire, wear positive pressure self-contained NIOSH approved breathing equipment.
 Unusual Fire & Explosion Hazard Sealed Containers may rupture; product presents no unusual fire or explosion hazards.

SECTION V REACTIVITY DATA
 Stable (Unstable) Yes Conditions Strong oxidizing agents. to avoid
 Stable (yes/no) {Stable} Yes
 Incompat. (Avoid) Avoid strong oxidizing agents.
 Haz. Decomp. (y/n) Not Likely Haz. Polym. (yes/no) No
 Cond. to Avoid. None known.

Confirm all information prior to use
 Abbreviations: Not Applicable N/A.. Not Flammable N/F Ceiling Value C
 Not Determined N/D
 Not Known N/K Not Listed N/L
 Permissible Exposure Limit PEL ACGIH Threshold Limit Value TLV
 The data shown is taken from sources judged to be reliable. The user should judge both the accuracy and the suitability of this information for any use or attention or purpose. No other warranty is given. (TLV Reg. TM, ACGIH)

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MATERIAL SAFETY DATA SHEET
 OSHA Hazard Communication
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 US Department of Labor
 Printed on 7/02/91 at 09:42:10a

Material Identity Jacquard Marbling Color

SECTION VI HEALTH HAZARD DATA

Routes of Entry: Inhalation Vapors can be inhaled; not likely in toxic amts..
 Skin Not likely in toxic amounts. Ingest. Very young children may drink paint. Keep paint out of reach.

Health Hazards None known for the usual and ordinary uses of this product.
 NTP Carcinogen N/L IARC Carcinogen N/L OSHA Carcinogen N/L
 Signs/Symptoms Symptoms of irritation are not likely to occur when using this
 of Exposure and similar water based latex paint mixtures.
 Medical Conditions N/K
 to Avoid

First Aid Eye contact: Carefully flush for 15 minutes. If irritation persists, contact physician. Skin: Wash with soap and water. Inhalation: Remove to fresh air.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Contain spill. Spill area will be slippery. Recover as much as possible for reuse. Spread commercial absorbant over remainder and place into sealed container for disposal.

Waste Disp Dispose of all waste material in accordance with all applicable Federal, State and Local regulations. Most states prohibit disposal of liquids in landfills.

Precautions None are likely to be needed.

Other Precautions As with all chemicals good industrial hygiene and proper work habits should be observed.

SECTION VIII CONTROL MEASURES

Resp. Protect. Not usually required.
 Local Exhaust May be used to prevent routine inhalation.
 Spec. Local. Exh. N/A
 Mech. Exhaust Mechanically exhaust vapors at point(s) of application.
 Other Mech. Exhaust N/A
 Protect. Gloves Not normally needed.
 Eye Protect Splash goggles
 Protect. Clothing N/A
 Work Practices As with all chemicals, good industrial hygiene and proper work habits should be observed. Clean up work area after use.

Confirm all information prior to use
 Abbreviations: Not Applicable N/A.. Not Flammable N/F Ceiling Value C
 Not Known N/K Not Determined N/D
 Not Listed N/L
 Permissible Exposure Limit PEL ACGIH Threshold Limit Value TLV
 The data shown is taken from sources judged to be reliable. The user should judge both the accuracy and the suitability of this information for any use. No other warranty is given. (TLV Reg. TM, ACGIH)

FROM : R G & S *** Jacquard products PHONE NO. : 787 433 9577 May. 29 2002 12:44PM P1

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved OMB No. 1218-0072 HMIS 1H/OF/OR

IDENTITY (As Used on Label and List)
POTASSIUM ALUM

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name HOLLAND COMPANY, INC.	Emergency Telephone Number 613-743-1292
Address (Number, Street, City, State, and ZIP Code) 153 HOWLAND AVENUE	Telephone Number for Information 613-743-1292
ADAMS.	Date Prepared MARCH 16, 1994
MASSACHUSETTS 01220	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (approx)
KAl(SO₄)₂ 12H₂O		50 ppm		
POTASH ALUM				
CRYSTAL ALUM				
POTASSIUM ALUMINUM SULFATE				

HAZARDOUS SUBSTANCE APPLIES WHEN DISCHARGED INTO NAVIGABLE WATER. CATEGORY (P) AMOUNT = 000 POUNDS.

DOT NO. **NA 9078**

CAS NO. **7784-24-9**

HMIS DESIGNATION **1H,OF,OR**

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	1.97
Vapor Pressure (mm Hg)	NA	Melting Point	
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water	Moderate		
Appearance and Odor	colorless, odorless crystal or white powder		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	NOT FLAMMABLE	LEL	UEL
Extinguishing Media	NOT FLAMMABLE				
Special Fire Fighting Procedures	MAY RELEASE SULFUR DIOXIDE OR SULFUR TRIOXIDE AT HIGH HEAT				

Item Number: 01232-1000
 Special Fire and Explosion Hazards
NONE

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Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts
SULFUR DIOXIDE (SO₂) POSSIBLY SULFUR TRIOXIDE (SO₃)

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? IRRITATION	Skin? IRRITATION	Ingestion? MAY BE HARMFUL
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Health Hazards (Acute and Chronic)
IRRITATION OF SKIN AND MUCOUS MEMBRANE

Carcinogenicity: N/A	NTP? N/A	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure
IRRITATION POSSIBLE FROM INHALATION, EYE CONTACT OR PROLONGED SKIN CONTACT.

Medical Conditions Generally Aggravated by Exposure
N/A

Emergency and First Aid Procedures

WASH SKIN, FLUSH RESIDUE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR INGESTION GET MEDICAL ATTENTION.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
SHOVEL UP AND REMOVE, FLUSH RESIDUE WITH WATER
NEUTRALIZE WITH ALKALIES

Waste Disposal Method

DISSOLVE IN WATER AND FLUSH TO WASTE AS PERMITTED BY APPLICABLE REGULATIONS.

Precautions to Be Taken in Handling and Storing

STORE IN COOL DRY PLACE

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)

NIOSH APPROVED RESPIRATOR WHERE REQUIRED.

N/A	Local Exhaust	Special	N/A
	AS NECESSARY TO ELIMINATE DUST		
	Mechanical (General)	Other	N/A

Protective Gloves
RUBBER OR VINYL

Eye Protection
SAFETY GLASSES-CHEMICAL SAFETY GOGGLES

Protective Clothing or Equipment

CLOTHING SUFFICIENT TO PROTECT SKIN FROM DUST.

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REPORT NUMBER: 703

VAN WATERS & ROGERS INC.

PAGE: 001

MSDS NO: DW53976

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 01/07/93

VERSION: 007

PRODUCT: METHOCEL (R) J12MS HYDROXYPROPYL METHYLCELLULOSE

ORDER NO: 162107

PRD NO: 299110

RUPERT GIBBON & SPIDER
1147 HEALDSBURG AVE
PO BOX 425

HEALDSBURG , CA 95419

VAN WATERS & ROGERS INC. , SUBSIDIARY OF UNIVAR (206)889-3400
6100 CARILLON POINT , KIRKLAND , WA 98033

----- EMERGENCY ASSISTANCE -----

FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL - CHEMTREC
(800)424-9300

----- FOR PRODUCT AND SALES INFORMATION -----

CONTACT YOUR LOCAL VAN WATERS & ROGERS BRANCH OFFICE AT
VW&R SAN JOSE 408-435-8700 SAN JOSE , CA

PRODUCT NAME:

METHOCEL (R) J12MS HYDROXYPROPYL METHYLCELLULOSE

MSDS #: DW53976

1. INGREDIENTS: (% w/w, unless otherwise noted)

Hydroxypropyl methylcellulose
Water
Sodium chloride
Proprietary polyglycol, carboxylic
acid, and aldehyde

This document is prepared pursuant to the OSHA Hazard
Communication Standard (29 CFR 1910.1200). In addition, other
substances not 'Hazardous' per this OSHA Standard may be listed.
Where proprietary ingredient shows, the identity may be made
available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: Not applicable.
VAP. PRESS: Not applicable.
VAP. DENSITY: Not applicable.
SOL. IN WATER: See section 9.
SP. GRAVITY: Not applicable.

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REPORT NUMBER: 703
MSDS NO: DW53976
EFFECTIVE DATE: 01/07/93VAN WATERS & ROGERS INC.
MATERIAL SAFETY DATA SHEETPAGE: 002
VERSION: 007

PRODUCT: METHOCEL (R) J12MS HYDROXYPROPYL METHYLCELLULOSE

ORDER NO: 162107
PROD NO : 299110APPEARANCE: White to slightly off-white free flowing powder.
ODOR: Not available.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: N/A
METHOD USED: N/AFLAMMABLE LIMITS
LFL: Not deter.
UFL: Not deter.

EXTINGUISHING MEDIA: Water fcg.

FIRE & EXPLOSION HAZARDS: Minimum explosive dust concentration is 0.03 oz/cu ft. Similar to flour or grain dusts; keep clouds of such dust away from possible ignition sources.

FIRE-FIGHTING EQUIPMENT: Use positive-pressure, self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Avoid dust clouds or layers.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Same as wood or paper.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Sweep up and use if possible, or discard using disposal method listed below.

DISPOSAL METHOD: Preferable method is to dispose in landfill. Disposal can also be accomplished by incineration under controlled conditions to eliminate dust explosions. In both methods, disposal techniques should be in compliance with applicable federal, state, and local laws and regulations regarding management, use, handling, treatment, storage, disposal, and transportation of used chemicals.

6. HEALTH HAZARD DATA:

EYE: Solid or dust may cause irritation or corneal injury due to

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REPORT NUMBER: 703 VAN WATERS & ROGERS INC. PAGE: 003
MSDS NO: DWS3976 MATERIAL SAFETY DATA SHEET
EFFECTIVE DATE: 01/07/93 VERSION: 007
PRODUCT: METHOCEL (R) J12MS HYDROXYPROPYL METHYLCELLULOSE

ORDER NO: 162107
PROD NO : 299110

mechanical action.

SKIN CONTACT: Essentially nonirritating to skin.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: Single dose oral toxicity is low. No hazards anticipated from ingestion incidental to industrial exposure. The oral LD50 for rats is >10,000 mg/kg.

INHALATION: Single exposure to dust is not likely to be hazardous.

SYSTEMIC & OTHER EFFECTS: Based on available data, repeated exposures are not anticipated to cause any significant adverse effects. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus.

7. FIRST AID:

EYES: Irrigate immediately with water for at least five minutes. Mechanical effects only.

SKIN: No adverse effects anticipated by this route of exposure.

INGESTION: No adverse effects anticipated by this route of exposure.

INHALATION: No adverse effects anticipated by this route of exposure.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): Dow Industrial Hygiene Guide is 10 mg/m³.

VENTILATION: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: In dusty atmospheres, use an approved dust respirator.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

EYE PROTECTION: Use safety glasses. If there is a potential

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REPORT NUMBER: 703
SDS NO: DW53976
EFFECTIVE DATE: 01/07/93

VAN WATERS & ROGERS INC.
MATERIAL SAFETY DATA SHEET

PAGE: 005
VERSION: 007

PRODUCT: METHOCCEL (R) J12MS HYDROXYPROPYL METHYLCELLULOSE

ORDER NO: 162107
PROD NO : 299110

CANADIAN REGULATIONS
=====

The Workplace Hazardous Materials Information System (W.H.M.I.S.)
Classification for this product is:

This product is not a "Controlled Product" under WHMIS.

The Transportation of Dangerous Goods Act (T.D.G.A.) classification for
this product is:

Not regulated.

(R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

REPORT NUMBER: 703 VAN WATERS & ROGERS INC. PAGE: 003
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PRODUCT: METHOCEL (R) J12MS HYDROXYPROPYL METHYLCELLULOSE

ORDER NO: 162107
 PROD NO : 299110

for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles.

4. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use reasonable caution and personal cleanliness. Cellulose ethers are water-soluble polymers which form aqueous dispersions by swelling and by successful hydration of their structural layers. There is no sharp solubility limit. CAUTION: (1) Under certain conditions a fine dust of this material in air may cause a dust explosion when exposed to heat, sparks, and open flame. (2) If material spills and gets wet, could cause slipping hazard.

MSDS STATUS: Revised reasheet (WHMIS) information and section 1.

REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented).

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

OSHA HAZARD CATEGORY: This product has been reviewed according to the OSHA "Hazard Categories" promulgated under Sections 311 and 312 of the Occupational Safety and Health Act of 1970 (OSHA Title III) and is considered, under applicable definitions, to meet the following hazard categories:

fire hazard

Hazard categories are listed solely to assist with federal reporting under Title III. They are not intended and are not appropriate for evaluating safe product handling and use. To review health and safety information, refer to the body of this material safety data sheet.