

MATERIAL SAFETY DATA SHEET

Date of Prep: 2/28/92

Name: ROSCO LABORATORIES INC.
 Address: 36 BUSH AVENUE
 PORT CHESTER, NY 10573
 Phone: (914) 937-1300

EMERGENCY TELEPHONE: (914) 937-1300

SECTION I: PRODUCT

NUMBER: 5550, 5551, 5552, 5553, 5554, 5555, 5556, 5557, 5558,
 5559, 5560, 5561, 5562, 5563, 5564, 5565, 5566, 5567,
 5568, 5569, 5570, 5571, 5572, 5573

NAME: IDTINGS DEEP COLORS
 CLASS: CASEIN FLAT

HMS CODE
 HEALTH: 1
 FLAMMABILITY: 0
 REACTIVITY: 0
 PROTECTIVE EQUIPMENT B

SECTION II: HAZARDOUS INGREDIENTS

| INGREDIENT MATERIAL DESCRIPTION | ITEM# | % BY WT. | % BY VOL. | --C.A.S.-- REGISTRY NO. | LEL | VAP. PRES. mm.Hg @20c |
|---------------------------------|-------|----------|-----------|----------------------------|-----|--------------------------|
| BARIUM METABORATE | 5558 | 0.95 | 0.30 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5559 | 0.90 | 0.32 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5560 | 0.91 | 0.28 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5561 | 0.81 | 0.26 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5562 | 0.94 | 0.29 | *7440-39-3 | N/A | N/A |
| GREEN CHROME OXIDE GREEN | 5565 | 6.05 | 1.39 | *1308-38-9 | N/A | N/A |
| BARIUM METABORATE | 5568 | 0.91 | 0.28 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5569 | 0.90 | 0.29 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5570 | 1.42 | 0.44 | *7440-39-3 | N/A | N/A |
| GREEN CHROME OXIDE GREEN | 5571 | 6.60 | 1.52 | *1308-38-9 | N/A | N/A |
| BARIUM METABORATE | 5572 | 0.94 | 0.29 | *7440-39-3 | N/A | N/A |
| BARIUM METABORATE | 5573 | 1.09 | 0.38 | *7440-39-3 | N/A | N/A |

ALL INGREDIENTS IN THIS FORMULA ARE CONSIDERED NON-HAZARDOUS FOR ALL OTHER ITEM #'S.

SECTION III: PHYSICAL DATA

| | |
|---|---|
| BOILING RANGE: N/A VAP. PRES. (@20 deg. C): N/A SPECIFIC GRAVITY: 1.172 #5558 80.35: % VOLATILE BY VOLUME 1.309 #5559 71.26 1.117 #5560 83.50 1.168 #5561 77.22 1.151 #5562 78.21 1.189 #5565 83.20 1.142 #5568 79.50 1.209 #5569 78.74 1.157 #5570 83.66 1.196 #5571 81.54 1.158 #5572 83.71 1.296 #5573 72.74 ALL REST N/A ALL REST N/A | FREEZING POINT: N/A VAPOR DENSITY: (AIR=1): N/A SOLUBILITY IN WATER: APPRECIABLE (>100%) EVAPORATION RATE: SLOWER (relative to n-butyl acetate) |
|---|---|

APPEARANCE & ODOR: OPAQUE LIQUID-SLIGHT ODOR

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: N/A

FLAMMABLE LIMITS:

LEL
N/A

UEL
N/A

(Method Used) SETA FLASH

FLAMMABILITY CLASSIFICATION

OSHA:

DOT:

EXTINGUISHING MEDIA:

NONE NEEDED, THIS PRODUCT WILL NOT BURN.

SPECIAL FIRE FIGHTING PROCEDURES:

THIS PRODUCT WILL NOT BURN DUE TO ITS WATER CONTENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

THIS PAINT WILL NOT BURN, BUT MAY SPATTER IF THE TEMPERATURE EXCEEDS THE BOILING POINT.

SECTION V: TOXICOLOGICAL INFORMATION

| INGREDIENT MATERIAL DESCRIPTION | PEL | BURNS SKIN | EPA LIST | - TLV mg/m ³ | (twa) - ppm | LD50(mg/kg) | | LD50(ppm) |
|------------------------------------|-----|---------------|-------------|----------------------------|----------------|---------------|-----------------|----------------|
| | | | | | | (rat) ORAL | (rbt) DERMAL | (rat) INHAL |
| #5558 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5559 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5560 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5561 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5562 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5565 GREEN CHROME OXIDE GREEN | N/A | NO | NO | N/A | N/A | N/A | N/A | N/A |
| #5568 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5569 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5570 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5571 GREEN CHROME OXIDE GREEN | N/A | NO | NO | N/A | N/A | N/A | N/A | N/A |
| #5572 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| #5573 BARIUM METABORATE | N/A | NO | YES | N/A | N/A | N/A | N/A | N/A |
| NON-HAZARDOUS | N/A | NO | NO | N/A | N/A | N/A | N/A | N/A |

INGREDIENTS IN ALL OTHER FORMULAS ARE CONSIDERED NON-TOXIC

SECTION VI: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION V

EFFECTS OF OVEREXPOSURE:

VAPORS MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT.

EXPOSURE/INGESTION MAY CAUSE HEADACHE, DIZZINESS AND NAUSEA.

CONTACT MAY CAUSE SKIN IRRITATION OR ALLERGIC SKIN REACTION.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR.

EYE CONTACT: FLUSH EYES WITH WATER (LIFT LIDS) FOR 15 MINUTES.

SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER.

REMOVE CONTAMINATED CLOTHING.

INGESTION: INDUCE VOMITING, AND CONTACT PHYSICIAN.

SECTION VII: REACTIVITY DATA

STABILITY: #5550, 5565, 5571,- UNSTABLE; ALL OTHERS STABLE.

STABILITY CONDITIONS TO AVOID: NOT APPLICABLE.

INCOMPATIBILITY (MAT'L TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS:

OXIDES OF CARBON MONOXIDE AND /OR CARBON DIOXIDE.

OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

POLYMERIZATION CONDITIONS TO AVOID: WILL NOT OCCUR.

SECTION VIII: SPILL OR LEAK PROCEDURES

STEPS FOR MATERIAL SPILLAGE:

ABSORB WITH SAND AND DISPOSE OF IN APPROVED MANNER.
DIKE AREA WITH SAND TO CONTAIN SPILLED LIQUID.
RECOVER FREE PRODUCT.
VENTILATE CONFINED SPACES. OPEN WINDOWS AND DOORS.
SLIPPERY WHEN WALKING.

WASTE DISPOSAL METHOD:

INCINERATE IN AN APPROVED MANNER IN AN APPROVED FACILITY.
LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGS.
DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

SECTION IX: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

MAINTAIN GOOD VENTILATION.

VENTILATION:

PROVIDE ADEQUATE CROSS AIR CIRCULATION.

PROTECTIVE GLOVES:

CHEMICAL RESISTANT RUBBER OR PLASTIC PREFERRED.

EYE PROTECTION:

SAFETY GOGGLES.

OTHER PROTECTIVE EQUIPMENT:

EYEWASH STATION (FOUNTAIN).

HYGENIC PRACTICES:

WASH HANDS BEFORE EATING OR USING RESTROOM.

SECTION X: SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

PROTECT FROM FREEZING.

OVERHEATING MAY CAUSE CLOSED CONTAINERS TO RUPTURE.

OTHER PRECAUTIONS:

AVOID REPEATED OR PROLONGED BREATHING OR CONTACT WITH SKIN.

MINIMIZE BREATHING VAPOR OR MIST.

DO NOT TAKE INTERNALLY.

SECTION XI: SARA TITLE III

SARA SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THESE PRODUCTS ARE IDENTIFIED BY THE FOLLOWING LEGEND PREFIXED TO THE CAS (CHEMICAL ABSTRACT NUMBER) IN SECTION II OF THIS MSDS.

OSHA REPORTABLE HAZARDOUS MATERIAL BUT NOT SARA REPORTABLE.

* OSHA NON-HAZARDOUS MATERIAL BUT SARA REPORTABLE ONLY.

** OSHA REPORTABLE HAZARDOUS MATERIAL AND SARA REPORTABLE.

THIS INFORMATION MUST BE IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

DISCLAIMER

EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THIS SAFETY INFORMATION ON THIS SHEET IS ACCURATE, BUT BECAUSE ROSCO LABORATORIES, INC. HAS NO CONTROL OVER THE CONDITIONS UNDER WHICH THE PRODUCT WILL BE USED, LIABILITY IS LIMITED EXCLUSIVELY TO REPLACEMENT OR REFUND OF THE PURCHASE PRICE OF THIS PRODUCT. EXCEPT AS STATED HEREIN THERE ARE NO EXPRESS OR IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ROSCO LABORATORIES, ASSUMES NO LIABILITY FOR INJURY OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE STORAGE, HANDLING OR USE OF THIS PRODUCT.