

20048-XXXX

MATERIAL SAFETY DATA SHEET

MANUFACTURER OR DISTRIBUTOR: **Jack Richeson & Co., Inc.**
557 S. Marcella Street
PO BOX 160
Kimberly WI 54136-1760

INFORMATION TELEPHONE NUMBER: **920-738-0744**

EMERGENCY TELEPHONE NUMBER: **800-233-2404**

----- SECTION I - PRODUCT IDENTIFICATION -----

PRODUCT NAME: **UNISON PRODUCT NO. 740000**

PRODUCT SIZES: **SM./MED/LG. STICKS**

PRODUCT CLASS: **SOFT PASTEL**

----- SECTION II - HAZARDOUS INGREDIENTS -----

INGREDIENT	CAS#	PEL/TLV (MG/M3)	MAX %WEIGHT	NTP	IARC
SOLUBLE COBALT	7440-48-4	0.05	0.60000	N	Y

----- SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS -----

BOILING POINT: **N/A** MELTING POINT: **N/A**
VAPOR PRESSURE: **N/A**
SPECIFIC VAPOR DENSITY (AIR=1): **N/A** SPECIFIC GRAVITY: **N/A**
SOLUBILITY IN WATER: **N/A** REACTIVITY IN WATER: **NON-REACTIVE**
APPEARANCE AND ODOR:

----- SECTION IV - FIRE AND EXPLOSION INFORMATION -----

FLASH POINT (METHOD): **N/A** AUTOIGNITION TEMPERATURE: **N/A**
EXPLOSION LIMITS IN AIR (% BY VOLUME): **NOT EXPLOSIVE**
EXTINGUISHING MEDIA: **NO SPECIAL MEDIA REQUIRED**
FIRE FIGHTING PROCEDURES: **NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED**
UNUSUAL FIRE & EXPLOSION HAZARDS: **NOT COMBUSTIBLE**

----- SECTION V - PHYSICAL HAZARDS/REACTIVITY -----

HAZARDOUS POLYMERIZATION PRODUCTS: **NONE**
STABILITY: **STABLE CONDITIONS TO AVOID: NONE**
INCOMPATIBILITY (MATERIALS TO AVOID): **NONE**
HAZARDOUS DECOMPOSITION PRODUCTS: **NONE**

DUKE SHS TOX PROGRAM

Item Numbers: 20048-0009, 20048-0013, 20048-0014, 20048-0015, 20048-0016, 20048-0017, 20048-0018, 20048-0089, 20048-0189, 20048-0489, 20048-0729, 20048-1001, 20048-1002, 20048-1003, 20048-1004, 20048-1005, 20048-1006, 20048-1007, 20048-1008, 20048-1009, 20048-1010, 20048-1011, 20048-1012, 20048-1013, 20048-1014, 20048-1015, 20048-1016, 20048-1017, 20048-1018, 20048-1019, 20048-1029, 20048-1039, 20048-1048, 20048-1049, 20048-1059, 20048-1069, 20048-1079, 20048-1109, 20048-1118, 20048-1189, 20048-1201, 20048-1202, 20048-1203, 20048-1204, 20048-1205, 20048-1206, 20048-1207, 20048-1208, 20048-1209, 20048-1210, 20048-1218, 20048-1302, 20048-1303, 20048-1304, 20048-1305, 20048-1306, 20048-1307, 20048-1308, 20048-1309, 20048-1310, 20048-1311, 20048-1312, 20048-1601, 20048-1602, 20048-1603, 20048-1605, 20048-1606, 20048-1607, 20048-1608, 20048-1617, 20048-1619, 20048-1620, 20048-1621, 20048-1622, 20048-1623, 20048-1625, 20048-1626, 20048-1627, 20048-1631, 20048-1632, 20048-1640, 20048-1647, 20048-1648, 20048-1654, 20048-1655, 20048-1656, 20048-1657, 20048-1658, 20048-1659, 20048-1660, 20048-1661, 20048-1662, 20048-1701, 20048-1702, 20048-1704, 20048-1705, 20048-1706, 20048-1708, 20048-1709, 20048-1710, 20048-1711, 20048-1712, 20048-1713, 20048-1714, 20048-1715, 20048-1717, 20048-1718, 20048-1729, 20048-2009, 20048-2018, 20048-2036, 20048-2037, 20048-2038, 20048-2072, 20048-2501, 20048-2502, 20048-2503, 20048-2504, 20048-2505, 20048-2506, 20048-2507, 20048-2508, 20048-2509, 20048-2510, 20048-2511, 20048-2512, 20048-2513, 20048-2514, 20048-2515, 20048-2516, 20048-2517, 20048-2518, 20048-2519, 20048-2520, 20048-2521, 20048-2522, 20048-2523, 20048-2524, 20048-2525, 20048-2526, 20048-2527, 20048-2528, 20048-2529, 20048-2530, 20048-2531, 20048-2532, 20048-2533, 20048-2534, 20048-2535, 20048-2536, 20048-2539, 20048-2541, 20048-2542, 20048-3010, 20048-3013, 20048-3014, 20048-3015, 20048-3016, 20048-3018, 20048-3020, 20048-3028, 20048-3029, 20048-3030, 20048-3040, 20048-3050, 20048-3060, 20048-3070, 20048-3080, 20048-3090, 20048-3100, 20048-3110, 20048-3120, 20048-3130, 20048-3140, 20048-3150, 20048-3160, 20048-3170, 20048-3180, 20048-3190, 20048-3302, 20048-3307, 20048-3308, 20048-3309, 20048-3310, 20048-3314, 20048-3316, 20048-3317, 20048-3318, 20048-4009, 20048-4010, 20048-4011, 20048-4012, 20048-4014, 20048-4015, 20048-4016, 20048-4017, 20048-4062, 20048-4063, 20048-4064, 20048-4065, 20048-4066, 20048-4067, 20048-4101, 20048-4108, 20048-4109, 20048-4110, 20048-4111, 20048-4112, 20048-4113, 20048-4118, 20048-4501, 20048-4502, 20048-4503, 20048-4504, 20048-4505, 20048-4506, 20048-4507, 20048-4508, 20048-4509, 20048-4510, 20048-4511, 20048-4512, 20048-4513, 20048-4514, 20048-4515, 20048-4516, 20048-4517, 20048-4518, 20048-5049, 20048-5050, 20048-5051, 20048-5052, 20048-5053, 20048-5100, 20048-5101, 20048-5102, 20048-5103, 20048-5104, 20048-5105, 20048-5106, 20048-5107, 20048-5108, 20048-5109, 20048-5110, 20048-5111, 20048-5112, 20048-5113, 20048-5114, 20048-5115, 20048-5116, 20048-5117, 20048-5118, 20048-5119, 20048-5201, 20048-5202, 20048-5203, 20048-5204, 20048-5205, 20048-5206, 20048-5208, 20048-5209, 20048-5210, 20048-5211, 20048-5212, 20048-5213, 20048-5214, 20048-5215, 20048-5216, 20048-5217, 20048-5301, 20048-5302, 20048-5303, 20048-5304, 20048-5305, 20048-5306, 20048-5307, 20048-5308, 20048-5309, 20048-5310, 20048-5311, 20048-5312, 20048-5313, 20048-5314, 20048-5315, 20048-5316, 20048-5317, 20048-5318, 20048-6004, 20048-6030, 20048-6033, 20048-6034, 20048-6035, 20048-6036, 20048-7001, 20048-7002, 20048-7003, 20048-7004, 20048-7005, 20048-7006, 20048-7007, 20048-7008, 20048-7009, 20048-7010, 20048-7011, 20048-7012, 20048-7013, 20048-7014, 20048-7015, 20048-7016, 20048-7017, 20048-7018, 20048-7019, 20048-7020, 20048-7021, 20048-7022, 20048-7023, 20048-7024, 20048-7025, 20048-7026, 20048-7027, 20048-7028, 20048-7029, 20048-7030, 20048-7031, 20048-7032, 20048-7033, 20048-7034, 20048-7035, 20048-7036, 20048-7043, 20048-7044, 20048-7045, 20048-7046, 20048-7801, 20048-7802, 20048-7803, 20048-7804, 20048-7805, 20048-7806, 20048-7807, 20048-7808, 20048-7901, 20048-7902, 20048-7903, 20048-

COMPANY: Jack Richeson & Co., Inc. PRODUCT: 740000
BRAND NAME: UNISON

SECTION VI - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: INHALATION EXPOSURE MAY CAUSE RESPIRATORY ALLERGIES. SKIN CONTACT MAY CAUSE ALLERGIC SKIN RASHES. INHALATION MAY CAUSE LUNG DAMAGE. EXPOSURE MAY RESULT IN ITCHINESS OF THE SKIN WITH HIVES OR ECZEMA. CHRONIC EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, EASY FATIGABILITY AND CHEST PAIN.

CARCINOGEN LISTING: NTP: NO IARC: YES OSHA: NO
SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: CHRONIC DERMATITIS. HEART DISEASE.

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

SECTION VII - SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: .Not for use by children.

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED
WORK/HYGIENE PRACTICES: Avoid prolonged contact with skin. Do not spray apply. Wash hands immediately after use.

SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

NONE REQUIRED

Form Completed by: Woodhall Stopford, MD, MSPH
Last Updated: 06/15/05

DUKE OHS TOX PROGRAM

Item Numbers: 20048-0009, 20048-0013, 20048-0014, 20048-0015, 20048-0016, 20048-0017, 20048-0018, 20048-0089, 20048-0189, 20048-0489, 20048-0729, 20048-1001, 20048-1002, 20048-1003, 20048-1004, 20048-1005, 20048-1006, 20048-1007, 20048-1008, 20048-1009, 20048-1010, 20048-1011, 20048-1012, 20048-1013, 20048-1014, 20048-1015, 20048-1016, 20048-1017, 20048-1018, 20048-1019, 20048-1029, 20048-1039, 20048-1048, 20048-1049, 20048-1059, 20048-1069, 20048-1079, 20048-1109, 20048-1118, 20048-1189, 20048-1201, 20048-1202, 20048-1203, 20048-1204, 20048-1205, 20048-1206, 20048-1207, 20048-1208, 20048-1209, 20048-1210, 20048-1218, 20048-1302, 20048-1303, 20048-1304, 20048-1305, 20048-1306, 20048-1307, 20048-1308, 20048-1309, 20048-1310, 20048-1311, 20048-1312, 20048-1601, 20048-1602, 20048-1603, 20048-1605, 20048-1606, 20048-1607, 20048-1608, 20048-1617, 20048-1619, 20048-1620, 20048-1621, 20048-1622, 20048-1623, 20048-1625, 20048-1626, 20048-1627, 20048-1631, 20048-1632, 20048-1640, 20048-1647, 20048-1648, 20048-1654, 20048-1655, 20048-1656, 20048-1657, 20048-1658, 20048-1659, 20048-1660, 20048-1661, 20048-1662, 20048-1701, 20048-1702, 20048-1704, 20048-1705, 20048-1706, 20048-1708, 20048-1709, 20048-1710, 20048-1711, 20048-1712, 20048-1713, 20048-1714, 20048-1715, 20048-1717, 20048-1718, 20048-1729, 20048-2009, 20048-2018, 20048-2036, 20048-2037, 20048-2038, 20048-2072, 20048-2501, 20048-2502, 20048-2503, 20048-2504, 20048-2505, 20048-2506, 20048-2507, 20048-2508, 20048-2509, 20048-2510, 20048-2511, 20048-2512, 20048-2513, 20048-2514, 20048-2515, 20048-2516, 20048-2517, 20048-2518, 20048-2519, 20048-2520, 20048-2521, 20048-2522, 20048-2523, 20048-2524, 20048-2525, 20048-2526, 20048-2527, 20048-2528, 20048-2529, 20048-2530, 20048-2531, 20048-2532, 20048-2533, 20048-2534, 20048-2535, 20048-2536, 20048-2539, 20048-2541, 20048-2542, 20048-3010, 20048-3013, 20048-3014, 20048-3015, 20048-3016, 20048-3018, 20048-3020, 20048-3028, 20048-3029, 20048-3030, 20048-3040, 20048-3050, 20048-3060, 20048-3070, 20048-3080, 20048-3090, 20048-3100, 20048-3110, 20048-3120, 20048-3130, 20048-3140, 20048-3150, 20048-3160, 20048-3170, 20048-3180, 20048-3190, 20048-3302, 20048-3307, 20048-3308, 20048-3309, 20048-3310, 20048-3314, 20048-3316, 20048-3317, 20048-3318, 20048-4009, 20048-4010, 20048-4011, 20048-4012, 20048-4014, 20048-4015, 20048-4016, 20048-4017, 20048-4062, 20048-4063, 20048-4064, 20048-4065, 20048-4066, 20048-4067, 20048-4101, 20048-4108, 20048-4109, 20048-4110, 20048-4111, 20048-4112, 20048-4113, 20048-4118, 20048-4501, 20048-4502, 20048-4503, 20048-4504, 20048-4505, 20048-4506, 20048-4507, 20048-4508, 20048-4509, 20048-4510, 20048-4511, 20048-4512, 20048-4513, 20048-4514, 20048-4515, 20048-4516, 20048-4517, 20048-4518, 20048-5049, 20048-5050, 20048-5051, 20048-5052, 20048-5053, 20048-5100, 20048-5101, 20048-5102, 20048-5103, 20048-5104, 20048-5105, 20048-5106, 20048-5107, 20048-5108, 20048-5109, 20048-5110, 20048-5111, 20048-5112, 20048-5113, 20048-5114, 20048-5115, 20048-5116, 20048-5117, 20048-5118, 20048-5119, 20048-5201, 20048-5202, 20048-5203, 20048-5204, 20048-5205, 20048-5206, 20048-5208, 20048-5209, 20048-5210, 20048-5211, 20048-5212, 20048-5213, 20048-5214, 20048-5215, 20048-5216, 20048-5217, 20048-5218, 20048-5301, 20048-5302, 20048-5303, 20048-5304, 20048-5305, 20048-5306, 20048-5307, 20048-5308, 20048-5309, 20048-5310, 20048-5311, 20048-5312, 20048-5313, 20048-5314, 20048-5315, 20048-5316, 20048-5317, 20048-5318, 20048-6004, 20048-6030, 20048-6033, 20048-6034, 20048-6035, 20048-6036, 20048-7001, 20048-7002, 20048-7003, 20048-7004, 20048-7005, 20048-7006, 20048-7007, 20048-7008, 20048-7009, 20048-7010, 20048-7011, 20048-7012, 20048-7013, 20048-7014, 20048-7015, 20048-7016, 20048-7017, 20048-7018, 20048-7019, 20048-7020, 20048-7021, 20048-7022, 20048-7023, 20048-7024, 20048-7025, 20048-7026, 20048-7027, 20048-7028, 20048-7029, 20048-7030, 20048-7031, 20048-7032, 20048-7033, 20048-7034, 20048-7035, 20048-7036, 20048-7043, 20048-7044, 20048-7045, 20048-7046, 20048-7801, 20048-7802, 20048-7803, 20048-7804, 20048-7805, 20048-7806, 20048-7807, 20048-7808, 20048-7901, 20048-7902, 20048-7903, 20048-