

PRODUCT NAME: Woodtone (Polyester Putty)
PRODUCT CODE: M743-5006, M743-5007, S17-4276

HMIS CODES: H F R P
2 3 1

SECTION I - MANUFACTURER IDENTIFICATION



SECTION II - HAZARDOUS INGREDIENTS/SARA II INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*STYRENE	100-42-5	50 ppm	50 ppm	NIOSH 50	5.0 68F	17.80
POLYESTER RESIN					N/A	20
TALC (NON ASBETOS)	14807-96-6	2 mg/m3			N/A	50
TITANIUM	13463-67-7	5 mg/M3	10 mg/M3		N/A	10
IRON OXIDE PIGMENT	1317-63-1					

*Indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: STYRENE 295 F SPEC. GRAV. (H2O=1): 15 lbs/gal
 VAPOR DENSITY HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER.
 V.O.C.s 0
 SOLUBILITY IN WATER; NIL
 APPEARANCE AND ODOR: PASTE. SHARP AROMATIC ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT; 96 F METHOD USED: CC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1% UPPER: 6.1%

EXTINGUISHING MEDIA: FOAM. ALCOHOL FOAM. CO2. DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES
 FIRE FIGHTERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 POLYMERIZATION MAY TAKE PLACE AT ELEVATED TEMPERATURES SUCH AS IN A FIRE. IF CONTAINED VIOLENT RUPTURE MAY RESULT.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT AND BRIGHT SUNLIGHT

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS AND OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

HEATING TO DECOMPOSITION MAY CAUSE IRRITATING ACRID FUMES

HAZARDOUS POLYMERIZATIONS MAY OCCUR IF HAZARDOUS POLYMERIZATION OCCURS WHILE CONTAINED IN A CLOSED CONTAINER, VIOLENT RUPTURE MAY RESULT

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

VAPORS MAY CAUSE NOSE, THROAT AND RESPIRATORY TRACT Irritation. HIGH CONCENTRATION MAY CAUSE HEADACHE AND NAUSEA. REPEATED HIGH CONCENTRATION EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR FREQUENT CONTACT MAY CAUSE DEFATTING, DRYNESS WITH IRRITATION AND POSSIBLE DERMATITIS. EYE CONTACT MAY CAUSE TEARING AND IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

DERMATITIS AND IRRITATION

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE GASTROINTESTINAL DISTURBANCES, PAIN AND DISCOMFORT.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INHALATION OF REPEATED HIGH CONCENTRATIONS MAY CAUSE LIVER AND KIDNEY DAMAGE. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED STYRENE AS A POSSIBLE HUMAN CARCINOGEN (CLASS 2-B). THE 2-B CLASSIFICATION IS NOT BASED ON NEW EVIDENCE THAT STYRENE MIGHT BE A CARCINOGEN BUT ON A REVISED IARC CLASSIFICATION SYSTEM AND NEW EVIDENCE FOR STYRENE OXIDE.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? YES OSHA REGULATED? NO (IARC) HAS CLASSIFIED STYRENE AS A POSSIBLE HUMAN CARCINOGEN (CLASS 2-B).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

LIVER AND KIDNEY DISORDERS

EMERGENCY AND FIRST AID PROCEDURES

FOR SKIN CONTACT, WASH WITH SOAP AND WATER. IN CASE OF CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION. FOR INHALATION REMOVE VICTIM FROM EXPOSURE. IF UNCONSCIOUS GIVE ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED. GET MEDICAL ATTENTION. IN THE EVENT OF INGESTION, DO NOT INDUCE VOMITING (ASPIRATION HAZARD). GET MEDICAL ATTENTION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE SOURCES OF IGNITION. ABSORB SPILL WITH ABSORBENT MATERIAL SUCH AS VERMICULITE OR SAND.

WASTE DISPOSAL METHOD

SMALL QUANTITIES CAN BE REACTED WITH THE APPROPRIATE HARDNER TO SOLIDIFY. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

AVOID STORAGE ABOVE 100 F. STORE ONLY IN ORIGINAL CONTAINERS.

OTHER PRECAUTIONS

DOT SHIPPING NAME-CONSUMER
DOT ID NO- PUTTY N.O.I. ITEM NO 150110
IATA SHIPPING NAME- RESIN SOLUTION
IATA HAZARD CLASS- FLAMMABLE LIQUID

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

A CANISTER TYPE RESPIRATOR MUST BE WORN TO PREVENT THE INHALATION OF VAPORS OR SPRAY MISTES WHEN THE TLV OR PEL IS EXCEEDED. WEAR A DUST MASK WHEN SANDING THE CURED PRODUCT.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

PROTECTIVE GLOVES

PLASTIC OR CHEMICAL RESISTANT GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTION

FACE SHIELD OR CHEMICAL GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

REMOVE AND WASH CONTAMINATED CLOTHING. USE A BARRIER CREAM SUCH AS GLOVE COAT WHEN USING THE PRODUCT.

WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING AND DO NOT SMOKE WHILE USING.

SECTION IX - DISCLAIMER

IMPORTANT: WHILE THE DESCRIPTIONS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU PERFORM AN ASSESSMENT TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED, DATA OR INFORMATION SET FORTH. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DATA AND INFORMATION FURNISHED HEREUNDER ARE GIVEN GRATIS. NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DATA AND INFORMATION GIVEN ARE ASSUMED. ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK



RPM, WFG. 3194 Hickory Blvd. Hudson, NC 28638 Phone: 828-728-8266

MATERIAL SAFETY DATA SHEET

CHEMTREC: 1-800-424-9300

CANUTECH: 1-613-096-6666

(For Canada call collect)

SECTION I - IDENTIFICATION OF PRODUCT

PRODUCT NAME: CREAM HARDENER (TUBED)
 PRODUCT CODE: M743-5001
 SYNONYM CROSS REFERENCE: Polyester Cream Hardener/Polyester Catalyst,
 Benzoyl Peroxide Paste

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	WGT%	CAS»	TLV/PEL
Benzoyl Peroxide	47.5-50.0	94-36-0	Combustible when dry: TLV5 mg/m3*

* Refer to 29 CFR 1910.1000, subpart Z.

Also see TLV for Chemical Substances and Physical Agents in the Work Environment (ACGIH)

SECTION III - PHYSICAL DATA

APPEARANCE: Paste
 SPECIFIC GRAVITY: 1.20
 VAPOR PRESSURE (mmHG): N/E
 BOILING POINT: Decomposes
 VAPOR DENSITY: (Air=1) >
 EVAPORATION RATE (Ethyl Ether =1): <1
 VOLATILES BY WEIGHT: 10-20%
 SOLUBILITY IN WATER: Insoluble
 VOC: Grams/Litre= Nil
 Lbs/Gallon = Nil

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: 184F/84C Seta Flash Closed cup
 LOWER FLAMMABLE LIMIT %: N/E
 UPPER FLAMMABLE LIMIT %: N/E
 FIRE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam
 SPECIAL FIRE FIGHTING PROCEDURES: Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION HAZARD: Closed containers exposed to high temperatures, such as fire conditions may rupture.

SECTION V - HEALTH HAZARD/TOXICOLOGICAL PROPERTIES

OVEREXPOSURE EFFECTS:

ACUTE EFFECTS:

EYES: Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

SKIN: Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed thru the skin.

INHALATION: Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

CHRONIC EFFECTS:

Overexposure to this material has apparently been known to cause the following effects in lab animals: skin damage and appendages.

CARCINOGEN: YES ___ NO X
TERATOGEN; YES ___ NO X
MUTAGEN: YES ___ MO X

Benzoyl Peroxide has caused tumorigenic effects in laboratory animals.

PRIMARY ROUTES OF EXPOSURE: skin, inhalation

FIRST AID:

INHALATION: If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

SKIN: For skin contact, wash promptly with soap and excess water.

EYES: For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.

INGESTION: If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Open flames, sparks, heat, electrical and static discharge.

INCOMPATIBILITY MATERIALS TO AVOID: Strong acids, alkalis, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and Carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL AND DISPOSAL PROCEDURE
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SPILLS, LEAK OR RELEASE: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

SECTION VIII - PROTECTION INFORMATION

RESPIRATORY PROTECTION: If component TLV limits are exceeded, use NIOSH/MSHA approved respirator to remove vapors. Use an air-supplied respirator if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

PROTECTIVE GLOVES: To prevent prolonged exposure use rubber gloves; solvents may be absorbed through the skin.

EYE PROTECTION: Safety Glasses or goggles with splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing as required to prevent skin contact.

SECTION IX - HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Use with adequate ventilation. Avoid contact with eyes and skin. Avoid breathing vapors. Do not store the product above 100F/38C. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis and oxidizers.

SECTION X- ADDITIONAL INFORMATION

6

SHIPPING INFORMATION: Please comply with DOT regulations in USA

HMIS RATING: Health 2 4 = Extreme
Fire 2 3= High
Reactivity 2 2 = Moderate
1 = Slight
0 = Insignificant

Personal Protection - See Section VIII

CALIFORNIA PROPOSITION 65:

Trace amounts of some chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be present in this product.

SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CHEMICAL NAME</u>	<u>CAS</u>	<u>%BY WGT</u>
Benzoyl Peroxide	94-36-0	47.5-50.0%

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'8 THAT ARE COPIED AND DISTRIBUTED FOR THIS CHEMICAL

ABBREVIATIONS

IARC = International Agency for Research on Cancer
ACGIH = American Conference of Governmental Industrial Hygienists
NIOSH - National Institute of Occupational Safety and Health
TLV - Threshold Limit Value
PEL = Permissible Emission Level

DOT = Department of Transportation
NTP = National Toxicology Program
N/AV = Not Available
N/AP = Not Applicable
NE = Not Established
N/D = Not Determined

PREPARED ON September 18, 2002
SUPERSEDES July 16, 2002
REASON FOR UPDATE Format

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