

MATERIAL SAFETY
DATA SHEET

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DIVISION: CORROSION PROTECTION PRODUCTS DEPT

TRADE NAME:

SCOTCHKOTE 323 BRUSH GRADE, PART B

ISSUED: April 25, 2001

SUPERSEDES: March 12, 2001

DOCUMENT: 11-9422-4

| 1. INGREDIENT | C.A.S. NO. | | PERCENT |
|---------------------------------|------------|----|---------|
| POLYALKYLAMINES..... | Unknown | 60 | - 70 |
| HYDROUS MAGNESIUM SILICATE..... | 14807-96-6 | 20 | - 30 |
| 4-NONYL PHENOL, BRANCHED..... | 84852-15-3 | 1 | - 10 |
| PHTHALO GREEN..... | 1328-53-6 | 1 | - 10 |

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24
HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.

The components of this product are in compliance with the chemical
notification requirements of TSCA.

2. PHYSICAL DATA

BOILING POINT:..... N/D
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... N/A
SPECIFIC GRAVITY:..... 1.18 Water=1
PERCENT VOLATILE:..... N/A
pH:..... N/A
VISCOSITY:..... 4000 centipoise
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid, viscous, green

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... ca. 205 F PMCC
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Foam

Water or fog may cause frothing which can be violent, especially if sprayed into containers of hot or burning liquid

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

See Hazardous Decomposition section for products of combustion.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

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

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Ventilate area. Contain spill. Cover with inorganic absorbent material. Collect spilled material. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in a closed container.

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5. ENVIRONMENTAL INFORMATION (continued)

RECOMMENDED DISPOSAL:

Cure product according to product instructions. Dispose of completely cured (or polymerized) material in a sanitary landfill. Disposal alternative: Incinerate uncured waste in an industrial or commercial incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/A.
VOC Less H₂O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT:

Immediately flush skin with large amounts of water for at least 15 minutes in a chemical safety shower while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

INHALATION:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

IF SWALLOWED:

If swallowed, do NOT induce vomiting. Give victim two glasses of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear unvented goggles during operations in which exposure is likely. Wear full-face shield.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. Use one or more of the following personal protection items as necessary to prevent skin contact: apron.

RECOMMENDED VENTILATION:

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust ventilation at transfer points. Provide appropriate local exhaust ventilation on open containers. Use with adequate dilution ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of vapors. Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Store in a cool place. Store away from heat. Keep container dry. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition.

OTHER PRECAUTIONARY INFORMATION:

For industrial or professional use only.

EXPOSURE LIMITS

| INGREDIENT | VALUE | UNIT | TYPE | AUTH | SKIN* |
|---------------------------------|-------|------------|------|-------|-------|
| POLYALKYLAMINES..... | NONE | NONE | NONE | NONE | |
| HYDROUS MAGNESIUM SILICATE..... | 2 | MG/M3 | TWA | OSHA | |
| | | RESPIRABLE | | | |
| HYDROUS MAGNESIUM SILICATE..... | 2 | MG/M3 | TWA | ACGIH | |
| | | RESPIRABLE | | | |
| HYDROUS MAGNESIUM SILICATE..... | 0.5 | MG/M3 | TWA | CMRG | |

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EXPOSURE LIMITS (continued)

| INGREDIENT | VALUE | UNIT | TYPE | AUTH | SKIN* |
|-------------------------------|-------|-------|--------------------|-------|-------|
| | | | AS RESPIRABLE DUST | | |
| 4-NONYL PHENOL, BRANCHED..... | NONE | NONE | NONE | NONE | |
| PHTHALO GREEN..... | 1 | MG/M3 | TWA | ACGIH | |
| | | | as Cu dust or mist | | |
| PHTHALO GREEN..... | 1 | MG/M3 | TWA | OSHA | |
| | | | AS DUST OR MIST | | |

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.

SKIN CONTACT:

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation.

INHALATION:

Lung Damage: signs/symptoms can include coughing, difficulty breathing, wheezing, tightness in chest, congestion, and coughing up of blood.

IF SWALLOWED:

Ingestion may cause:

Damage to Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, nausea, abdominal tenderness, burns of mouth, difficulty swallowing, blood in vomitus, blood in feces, and ulceration.

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8. HEALTH HAZARD DATA (continued)

CANCER:

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

WARNING: Contains a chemical which can cause cancer. (14807-96-6) (IARC human carcinogen 1 - Talc containing asbestiform fibers, IARC not classifiable 3 - Talc not containing asbestiform fibers, ACGIH confirmed human carcinogen A1 - Talc containing asbestos fibers, Calif. Proposition 65 - Talc containing asbestiform fibers)

SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE March 12, 2001 ISSUE

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