

MATERIAL SAFETY DATA SHEET

IDENTITY: VVO® 20 Brown

SECTION I - Preparation/Product Information

MANUFACTURED AND SUPPLIED BY: PolyOne Corporation
TELEPHONE NUMBER: (330) 837-8679
DATE PREPARED: February 13, 2002
PREPARER: Health, Safety & Environment
PRODUCT USE: Rubber Additive
DATE PRINTED: June 26, 2002

SECTION II - Ingredients/Identity Information

Table with 4 columns: COMPONENTS, EXPOSURE LIMITS (PEL, TLV, OTHER), TOXICITY (LD50/LC50), AMOUNT (%). Row 1: Vegetable Oil, Sulfurized; Not Established; 90-100.

SECTION III - Physical/Chemical Characteristics

BOILING POINT: Not Applicable
FREEZING POINT: Not Applicable
VAPOR PRESSURE (mm Hg): Not Applicable
VAPOR DENSITY (AIR=1): Not Applicable
SOLUBILITY IN WATER: Negligible
APPEARANCE (PHYSICAL STATE) AND ODOR: Solid; Dark Brown
SPECIFIC GRAVITY (H2O=1): Not Established
pH: Not Applicable
ODOR THRESHOLD (ppm): Not Applicable
COEF. WATER/OIL DIST.: Not Applicable
EVAPORATION RATE: Not Applicable
Odor; Characteristic

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SECTION IV - Fire and Explosion Hazard Data

FLASH POINT (Method): Not Determined

EXTINGUISHING MEDIA: Water, CO2, and dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

HMIS RATING: 1

FLAMMABLE LIMITS LEL: Not Available
UEL: Not Available

AUTOIGNITION TEMPERATURE: Not Available
SENS. TO MECHANICAL IMPACT: Not Available
SENS. TO STATIC DISCHARGE: Not Available
HAZARDOUS COMBUSTION PRODUCTS: CO_x, SO_x

SECTION V - Reactivity Data

STABILITY
STABLE: X
UNSTABLE:

CONDITIONS TO AVOID (Cond. of Reactivity): None known

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO_x, SO_x

HAZARDOUS POLYMERIZATION
MAY OCCUR:
WILL NOT OCCUR: X

CONDITIONS TO AVOID: None known

HMIS RATING: 0

SECTION VI - Health Hazard Data

PRIMARY ROUTES OF EXPOSURE

INHALATION: SKIN CONTACT: SKIN ABSORPTION: INGESTION: EYE CONTACT:

HEALTH HAZARDS

ACUTE: None known

CHRONIC: None known

CARCINOGENICITY

NTP: No IARC: No OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

OECD TEST VALUES FOR:

IRRITANCY: Not Available REPRODUCTIVE TOXICITY: Not Available
SENSITIZATION: Not Available TERATOGENICITY: Not Available
MUTAGENICITY: Not Available

SYNERGISTIC PRODUCTS: Not Available

HMIS RATING: 0

SECTION VII - First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Move to fresh air.

INGESTION: Consult a physician.

SKIN CONTACT: Wash with soap and water.

EYE CONTACT: Flush with water for 15 minutes. If irritation persists, consult a physician.

SECTION VIII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and place in a suitable container for disposal.

WASTE DISPOSAL METHODS: In accordance with all Federal, State, and Local regulations. Refer to Section X.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Handle in accordance with good industrial hygiene and safety practices.

SECTION IX - Control Measures

RESPIRATORY PROTECTION: (Specify Type)
A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.

VENTILATION

LOCAL EXHAUST: Recommended to minimize exposure

MECHANICAL (General): Recommended to minimize exposure

PROTECTIVE GLOVES: Impervious gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGENIC PRACTICES: Wash before eating or smoking.

SECTION X - Additional Information

SPECIAL SHIPPING INFORMATION: Not Available

TSCA INVENTORY STATUS:
Chemical components are listed on the TSCA Inventory.

SARA TITLE III:
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None

RCRA STATUS:
The following chemical components are listed under (40 CFR 261):

None

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.