MATERIAL SAFETY DATA SHEET

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Supersedes: 08/21/92 Prepared by ...: SHARON ALLEN

TECHNICAL SERVICES COORDINATOR

HMIS RATING HEALTH 2 - = SEVERE FLAMMABILITY ... 2 3 = SERIOUS REACTIVITY 0 2 = MODERATE PROTECTION A : = SLIGHT C = MINIMAL X = SEE SECTION :

PRODUCT IDENTITY......: POWER PAK PRODUCT CODE NUMBER A004

PRODUCT USE AUTOMOTIVE RECONDITIONING PRODUCT

DOT HAZARD CLASSIFICATION .: NOT REGULATED

SECTION 1 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	₩gt. <u>%</u>	PEL-OSHA	XPOSURE LIMITS TLV-ACGIH	OTHER	CARCINOGEN	NOTE
MINERAL SPIRITS 66/3 SILICA, AMORPHOUS (dust) GLYÈERINE (mist) SENTONITE CLAY (dust)	8052-41-3 7631-86-9 56-81-5 1302-78-9	15-40 7-13 1-5 0.1-1.0	100 ppm 0.1 mg/m3 10 mg/m3 0.1 mg/m3	160 pax 111 ag mi 11 mg/mi 111 mg/mi	kets t N/A+ N/AV	HO LARD HO LARD	K K

* See Section 5 - Health Hazard Data, Effects of Chromic Exposure.

SECTION 2 - PHYSICAL AND CHEMICAL CHARACTERISTICS

PHYSICAL STATE: LOTION COOR AND APPEARANCE .: LT BROWN LOTION/SOLVENT COOR SPECIFIC GRAVITY (water=1): 1.02 SOCUEILITY IN WATER DISPERSIBLE

VAPOR PRESSURE (mmHg)..: <20 VAPOR DENSITY (Air=1)..: >1 ODOR THRESHOLD N/AV EVAP. RATE (WATER=1): FASTER

PH 8.5 BOILING POINT (F) ... >2:1 FREEZING POINT (F) ... 32 VOC(lbs/gl)......... 2.3

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F) AND METHOD ...: 130 F (PM)

FLAMMABLE LIMITS: LEL = 0.7%

UEL = 6.0%

EXTINGUISHING MEDIA: Use carbon dioxide or alcohol foam extinguisher. Keep containers cool with water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, electrical sparks, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near containers (even empty) because product or its residue car ignite explosively. In extreme fire conditions, this material may present a floating fire hazard.

SECTION 4 - REACTIVITY DATA

IS THE PRODUCT STABLE? YES CONDITIONS TO AVOID FOR STABILITY: Strong oxidizing agents.

INCOMPATIBILITY (Materials to Avoid): Avoid contact with strong oxidizing agents such as chlorine, permanganate, etc.

HAZARDOUS DECOMPOSITION PRODUCTS....: Oxides of carbon, nitrogen, silicon, traces of hydrocarbons & acrolein.

WILL HAZARDOUS POLYMERIZATION OCCUR? NO

CONDITIONS TO AVOID FOR POLYMERIZATION: N/AP

KEEP OUT OF REACH OF CHILDREN

N/AP - Not Applicable

N/AV - Not Available

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SECTION 5 - HEALTH HAZARD DATA

ROUTE OF ENTRY: a) Skin b) Inhalation c) Eye contact

EFFECTS OF ACUTE EXPOSURE: a) EYES - Can cause severe irritation, recness, tearing and blurred vision. b) SKIN - Prolonged or repeated contact can cause moderate irritation, defatting and dermatitis. c) INHALATION - Breatning of quest, mist or vapor. can cause mild to severe irritation of nasal and respiratory passages, neadache, nausea and narcotic effects. d) LNGES Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause a) INGESTION chemical pneumonitis which can be fatal.

EFFECTS OF CHRONIC EXPOSURE: Prolonged and excessive exposure to respirable crystalline silica may cause the lung disease silicosis. This material may contain more than 1% crystalline silica. The IARC has determined that there is sufficient evidence of the carcinogenicity of crystalline silica to experimental animals and that there is limited evidence of its carcinogenicity to humans. Weither NTP nor OSHA has listed silica as a carcinogen. Overexposure to solvents in this product may cause Central Nervous System effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to the product.

EMERGENCY AND FIRST AID PROCEDURES:

- a) SKIN Immediately wash with soap and water. Remove contaminated clothing and snoes. Wash clothing before reuse. It skill irritation develops, consult a physician.

 b) EYES - Immediately flush with plenty of clear, running water for at least 15 minutes. Get medical attention.

 c) INHALATION - If affected, move individual to fresh air. If breathing is difficult, give oxygen. If breathing has stoppen.

administer artificial respiration. Keep person warm and quiet and get medical attention.

d) INGESTION - If swallowed, call a physician immediately. CNLY induce vomiting at the instructions of a physician. Aever anything by mouth to an unconscious person. Aspiration of material into the lungs are to vomiting can cause chemical pneumonitis which can be fatal.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

SONAL PROTECTIVE EQUIPMENT:

GLOVES....: Impervious FOOTWEAR ..: Boots

RESPIRATOR ..: Fume/mist/dust CLOTHING....: Impervious

EYE: Chemical spiash goggies

OTHER ..: N/AP

VENTILATION: LOCAL EXHAUST: Below TLV(s) MECHANICAL (General): Explosion proof

WORK/HYGIENIC PRACTICES: Eye wash and safety shower should be easily accessible. Provide adequate ventitation. wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash it before reuse.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Absorb on suitable absorbant and collect for proper disposal.

WASTE DISPOSAL METHOO: Contaminated absorbant may be disposed of according to local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from heat, sparks and open flames. Protect from physical damage and see tightly closed. Do not store under freezing conditions or above 120 degrees F.

MAINTENANCE PRECAUTIONS: When working with combustible or flammable material, electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS: Empty containers retain product residue and vapors. Always obey hazard warnings.

SECTION 8 - REGULATORY INFORMATION

This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title !!! of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372:

None

KEEP OUT OF REACH OF CHILDREN

N/AP - Not Applicable

M/AV - Not Available