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MATERIAL SAFETY DATA SHEET

In Case of Emergency Call: CHEM-TEL 1-800-255-3924

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Issue Date: 1/06/06
Chemical Name

Product Name: SMOKE FIX
Solution of Hydrocarbon Polymer in Oil

Reference Number HSF-220

SECTION 2 HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	OSHA PEL ACGIH TLV	OTHER LIMITS %
None		
Non-Hazardous Components	CAS No.	%
Severely hydrotreated petroleum oil	64742-53-6	>35
Severely hydrotreated petroleum oil	64742-52-5	>35
Ethylene propylene copolymer	not assigned	<20
Proprietary tackiness agent	not assigned	<02
Polymethylsiloxane	not assigned	<01

SECTION 3 PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Above 405F
VAPOR PRESSURE (mm Hg): at about 70F<<1
VAPOR DENSITY (AIR=1):>1 (heavier than air)
SPECIFIC GRAVITY (water=1): 0.91
MELTING POINT: NOT APPLICABLE
EVAPORATION RATE (BUTYL ACETATE=1) <<1 (slower)
SOLUBILITY IN WATER: not soluble
APPEARANCE: clear pale yellow
ODOR: low oily odor

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 405F (coc)
FLAMMABILITY LIMITS: not determined
EXTINGUISHING MEDIA: foam, dry chem., water spray or carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: fire fighters should wear respiratory protection.
UNUSUAL FIRE AND EXPLOSION HAZARDS: product of combustion includes fumes, smoke and carbon monoxide.

SECTION 5 REACTIVITY DATA

STABILITY: stable

CONDITIONS TO AVOID: overheating of product, long term temperature limit 215F

INCOMPATIBILITY (MATERIALS TO AVOID): strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: on overheating, irritating oil vapors are formed

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: none

SECTION 6 HEALTH HAZARD DATA

ROUTE (S) OF ENTRY INHALATION: only in case of overheating

SKIN: no route

INGESTION: none under normal use

HEALTH HAZARDS (ACUTE AND CHRONIC): the polymer and mineral oil are acute; essentially non-toxic, chronic effects are not known.

CARCINOGENICITY NTP: not listed

IARC MONOGRAPHS: not listed

OSHA REGULATED: not listed

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: may cause irritation

SKIN: on prolonged contact irritation may occur

INHALATION: vapors of overheated product may cause irritations.

INGESTION: essentially nontoxic product may cause irritations.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: none known

EMERGENCY AND FIRST AID PROCEDURES:

EYES: immediately rinse eyes with eyelids retracted for at least 15 minutes with water, consult physician.

SKIN: wipe off excess, wash with soap and water.

INHALATION: in case of inhalation of overheated product, move from source of exposure and inhale fresh air, consult physician.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Report spills as required to appropriate authorities. On the ground use sawdust, diatomaceous earth, scrape and remove.

WASTE DISPOSAL METHOD: follow federal, state and local regulations. Do not flush to drain.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: no special measures necessary.

OTHER PRECAUTIONS: none necessary.

SECTION 8 CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): necessary only when handling overheated product. Use respirator with cartridge to remove organic chemical vapors.

VENTILATION

LOCAL EXHAUST: may be used

MECHANICAL (GENERAL): may be used

SPECIAL: not necessary

OTHER: not necessary

PROTECTIVE GLOVES: pvc type

EYE PROTECTIONS: chemical worker goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: not necessary

WORK/HYGIENIC PRACTICES: no special measures necessary in addition to the usual standard of good industrial hygiene practices.

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