MATERIAL SAFETY DATA SHEET: SPILL SHARK PETROLEUM-BASED SPILL ABSORB

Section I - General Information

(000000-000000- - 4625)

Date of Issue: 3/23/2007 12:00:00 AM

Supercedes: 2/23/2007 12:00:00 AM

Trade Name & Synonyms: SPILL SHARK PETROLEUM-BASED SPILL ABSORB

Chemical Name: STYRENE POLYMER

Chemical Family: STYRENE POLYMER

Manufacturer Name: CHEMSEARCH DIV. OF NCH CORP.

Manufacturer Address: BOX 152170 IRVING, TX 75015

Prepared By: E LEVI/CHEMIST

Product Code Number: 4625

Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<table>
<thead>
<tr>
<th>Chemical Name (Ingredients)</th>
<th>Hazard</th>
<th>TLV</th>
<th>PEL</th>
<th>STEL</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE -BUTADIENE-STYRENE BLOCK COPOLYMER</td>
<td>IRRITANT</td>
<td>3 MG/M3 *1</td>
<td>5 MG/M3 $2</td>
<td>N/A</td>
<td>9003-55-8</td>
</tr>
<tr>
<td>ANTIOXIDANT/STABILIZER/DUSTING AGENT</td>
<td>IRRITANT</td>
<td>3 MG/M3 *1</td>
<td>5 MG/M3 $2</td>
<td>N/A</td>
<td>TRADE SECRET</td>
</tr>
</tbody>
</table>

* PNOS
$ PNOR

Section III - Physical Data

Boiling Point (°F): N/A

Vapor Pressure (mm Hg): 0

Vapor Density (Air=1): N/A

pH @ 100% : N/A

% Volatile by Volume: 0

H₂O Solubility: NEGLIGIBLE

Specific Gravity (H₂O=1): 0.40

Color: WHITE

Odor: ODORLESS

Clarity: OPAQUE

Evaporation Rate (BuAc=1): N/A

Viscosity: GRANULAR

Section IV - Fire and Explosion Hazard

Flash Point: NON-FLAM

Flammable Limits: COMBUSTIBLE DUST

LEL: N/E

Method Used: N/A

UEL: N/E

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating:

- 4-Extreme Health: 1
- 3-High Flammability: 1
- 2-Moderate Instability: 0
- 1-Slight Special: Special

Extinguishing Media:

- [√] Foam
- [ ] Alcohol Foam
- [ ] CO₂
- [ ] Dry Chemical
- [√] Water Spray
- [ ] Other

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. AVOID HOSE STREAMS OR ANY METHOD WHICH WILL CREATE DUST CLOUDS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING.

Unusual Fire and Explosion Hazards:
AS WITH ALL ORGANIC DUSTS, FINE PARTICLES SUSPENDED IN AIR IN CRITICAL PROPORTIONS AND IN THE PRESENCE OF AN
IGNITION SOURCE MAY IGNITE AND/OR EXPLODE. DUST MAY BE SENSITIVE TO IGNITION BY ELECTROSTATIC DISCHARGE, ELECTRICAL
ARCS, SPARKS, WELDING TORCHES, CIGARETTES, OPEN FLAME, OR OTHER SIGNIFICANT HEAT SOURCES. AS A PRECAUTION,
IMPLEMENT STANDARD SAFETY MEASURES FOR HANDLING FINELY DIVIDED ORGANIC POWDERS RECOMMENDED IN SECTION X. USE
CARE AS SPILLS MAY BE SLIPPERY.

Section V - Health and Hazard Data

Threshold Limit Value:
3 MG/M3 AS PNOS 1.

Effects of Overexposure:

Acute: (Short Term Exposure)
EYE CONTACT: MAY CAUSE IRRITATION OR MECHANICAL ABRASION SEEN AS TEARING AND REDNESS.
SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS.
INHALATION: DUST MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING.
INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING, AND DIARRHEA.

Chronic: (Long Term Exposure)
LONG TERM INHALATION OF EXCESSIVE DUST MAY CAUSE DELAYED LUNG INJURY.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY CONDITIONS SUCH AS ASTHMA, EMPHYSEMA.
TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES OF EXPOSURE
ARE SKIN AND EYE CONTACT.

Primary Routes of Entry

<table>
<thead>
<tr>
<th></th>
<th>Inhalation</th>
<th>Ingestion</th>
<th>Absorption</th>
</tr>
</thead>
</table>

Emergency First Aid Procedures:

Inhalation:
IF DUST IS INHALED, REMOVE FROM THE AREA TO FRESH AIR. HAVE THE PERSON BLOW THEIR NOSE TO REMOVE THE SUBSTANCE
FROM THE NASAL PASSAGES AND KEEP FROM INHALING FURTHER. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

Eye Contact:
RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR 15 MINUTES.
HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. SEEK MEDICAL
ATTENTION IF IRRITATION DEVELOPS.

Skin Contact:
WIPE AWAY MATERIAL WITH A CLOTH. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. CLEAN
CLOTHING AND SHOES.

Ingestion:
GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET MEDICAL ATTENTION
IF DISCOMFORT OCCURS.

Notes to Physician:
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

Section VI - Toxicity Information

- Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

<table>
<thead>
<tr>
<th></th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>Other</th>
</tr>
</thead>
</table>

VOC CONTENT: 0% BY WEIGHT; 0% BY VOLUME; 0 G/L

PRODUCT MIXTURE

STYRENE-BUTADIENE COPOLYMER
SKN-RBT LD50: >2,000 MG/KG  4.
ORL-RAT LD50: >2,000 MG/KG  4.

ANTIOXIDANT/STABILIZER/DUSTING AGENT
NO TOXICOLOGICAL DATA AVAILABLE
**Section VII - Reactivity Data**

<table>
<thead>
<tr>
<th>Stability</th>
<th>Hazardous Polymerization</th>
</tr>
</thead>
<tbody>
<tr>
<td>[✓] Stable</td>
<td>[✓] Will not occur</td>
</tr>
</tbody>
</table>

**Conditions to Avoid:**
EXPOSURE TO ELEVATED TEMPERATURES FOR EXTENDED PERIODS IN AIR MAY RESULT IN SELF-HEATING AND AUTO IGNITION.

**Incompatibility (Materials to Avoid):** STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE.

**Hazardous Decomposition Products:** OXIDES OF CARBON, HYDROCARBONS, ACROLEIN, ALDEHYDES, AND KETONES.

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**Section VIII - Spill Or Leak Procedures**

**Steps to be Taken if Material is Released or Spilled:**
ELIMINATE IGNITION SOURCES OF ELECTRICAL, STATIC, OR FRICTIONAL SPARKS. VENTILATE THE CONTAMINATED AREA AND AVOID CREATING DUSTY CONDITIONS. WEAR APPROPRIATE PROTECTIVE CLOTHING. TRANSFER SOLID USING NON-SPARKING EQUIPMENT INTO A PROPERLY LABELED CONTAINER FOR REUSE OR DISPOSAL. IF NECESSARY WASH AREA WITH WATER. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

**Waste Disposal Method(s):**
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

**Neutralizing Agent:** N/A

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**Section IX - Special Protection Information**

**Required Ventilation:**
LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE DUSTY CONDITIONS. LOCAL VENTILATION IS PREFERRED, BECAUSE IT PREVENTS DISPERSION INTO WORK AREAS BY CONTROLLING IT AT ITS SOURCE.

**Respiratory Protection:**

**Glove Protection:**
NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD FOR HAND PROTECTION, 29 CFR 1910.138.

**Eye Protection:**

**Other Protection:**
WEAR GENERAL-DUTY WORK CLOTHES AND SHOES. A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE.

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**Section X - Storage and Handling Information**

<table>
<thead>
<tr>
<th>Storage Temperature</th>
<th>Storage Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max: 120° F</td>
<td>[✓] Indoors</td>
</tr>
<tr>
<td>Min: 35° F</td>
<td>[ ] Outdoors</td>
</tr>
<tr>
<td></td>
<td>[ ] Heated</td>
</tr>
<tr>
<td></td>
<td>[ ] Refrigerated</td>
</tr>
</tbody>
</table>

**Precautions to be Taken in Handling and Storing:**
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. AVOID CREATING DUSTY CONDITIONS. SEAL BROKEN BAGS IMMEDIATELY. ALTHOUGH THE RISK OF A DUST EXPLOSION IS LOW, IMPLEMENT THE FOLLOWING SAFETY MEASURES AS A PRECAUTION: 1) BOND, GROUND, AND PROPERLY VENT CONVEYORS, DUST CONTROL DEVICES, AND OTHER TRANSFER EQUIPMENT; 2) ELIMINATE IGNITION SOURCES (SPARKS, STATIC BUILDUP, EXCESSIVE HEAT); 3) PROHIBIT FLOW OF POWDER OR DUST THROUGH NON-CONDUCTIVE DUCTS, VACUUM HOSES OR PIPES, ETC.; ONLY USE GROUNDED, ELECTRICALLY CONDUCTIVE TRANSFER LINES WHEN PNEUMATICALLY CONVEYING PRODUCT; 4) STAY BELOW THE MINIMUM EXPLOSIVE CONCENTRATION BY PREVENTING ACCUMULATION OF DUST (USE WELL-VENTILATED CONDITIONS, VACUUM SPILLS PROMPTLY, CLEAN OVERHEAD HORIZONTAL SURFACES); 5) EXERCISE CARE WHEN EMPTYING CONTAINERS, SWEEPING, MIXING, OR DOING OTHER TASKS WHICH CAN CREATE DUST; 6) USE INERT GAS BLANKETING WHEN USE CONDITIONS OR PROCESSES WARRANT.
Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

Section XI - Regulatory Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Upper % Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2006.
2. OSHA PEL.
3. VENDOR'S MSDS.
5. EUROPEAN CHEMICAL SUBSTANCES INFORMATION SYSTEM (ESIS) INTERNATIONAL UNIFORM CHEMICAL INFORMATION DATABASE (IUCLID) CHEMICAL DATA SHEETS.

ALL THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (TSCA) AND ARE EITHER LISTED ON THE TSCA INVENTORY OR OTHERWISE EXEMPTED FROM LISTING.


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