



MATERIAL SAFETY DATA SHEET

For Spraylat Liquid Coatings and Associated Liquid Materials

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Chemtrec

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Chemtrec

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name : **SMP 203A Primer Filler Activator**

Date Printed : 10/04/07
Revision Date : 10/04/07

Revision Number : 4
Supercedes : 01/25/07

II. COMPOSITION/INFORMATION ON INGREDIENTS - (EXPOSURE LIMITS - SEE SECTION VIII)

INGREDIENT NAME	CAS #	%
Isopropanol	67-63-0	75.01 - 100.00
Phosphoric acid	7664-38-2	1.01 - 5.00

If ingredient percentages do not total 100%, the balance is due to rounding or applies to ingredient(s) deemed nonhazardous under 29 CFR 1910.1200 (Hazard Communication Standard).

III. HAZARDS IDENTIFICATION

	HMIS
HEALTH	3
FLAMMABILITY	3
REACTIVITY	0

0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme * = Chronic Health Effects

Routes of Entry:

Eye contact, Skin contact, Inhalation.

Medical Conditions Aggravated:

Skin disease including eczema and sensitization, Eye disease, Respiratory disease including asthma and bronchitis.

Immediate (Acute) Health Effects:

Inhalation:

Can be corrosive to the respiratory tract causing severe irritation and tissue damage.

Skin Contact:

Corrosive to skin tissue. Can cause chemical burns.

Eye Contact:

Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.

Skin Absorption:

No known absorption hazard in normal industrial use.

Ingestion:

Harmful if swallowed. May cause systemic poisoning. Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage.

Target Organ Acute Toxicity:

Skin, Respiratory System, Eyes, Nervous System.

Long-Term (Chronic) Health Effects:

Inhalation:	Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage.
Skin Contact:	Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.
Eye Contact:	Upon prolonged or repeated contact, may become corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can lead to permanent injury including blindness.
Skin Absorption	Upon prolonged or repeated exposure, no hazard in normal industrial use.
Carcinogenicity:	IARC: No NTP: No OSHA: No
Target Organ Chronic Toxicity:	Respiratory System, Skin, Eyes, Nervous System.

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

IV. FIRST AID

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately
Eyes:	Immediately flush eyes with plenty of luke warm water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
Skin Contact:	Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. As a good general hygienic rule, if clothing comes in contact with the product, the clothing should be laundered before re-use.
Ingestion:	Seek medical advice immediately. Provide ingredients information from Section II of this MSDS to the medical care provider. Contact your local Poison Control Center (listed in the telephone book), or dial the local "Emergency" (911) number for additional information. Do not induce vomiting unless instructed to do so by a physician or other competent medical personnel. Never give anything by mouth to an unconscious person.

V. FIRE FIGHTING MEASURES**Flammability Summary:**

Flash Point:	12 °C;	54 °F
Autoignition Temperature:	399 °C;	750 °F
Lower Flammable/Explosive Limit, % in air:	2.5	Upper Flammable/Explosive Limit, % in air: 12.0

Fire Hazards: Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. This product, when dried or cured, may support combustion when subjected to sources of ignition or heat in sufficient amount.

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

Fire Fighting Instructions: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Even if material is water soluble, may not be practical to extinguish fire by water dilution.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide.

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response:

Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Persons not wearing appropriate protective equipment should be excluded from area of spill until clean-up has been completed.

Spill Mitigation Procedures:

General Methods:

Prevent the spread of any spill to minimize harm to health and the environment if safe to do so. Wear proper personal protective equipment following the recommendations of Section VIII. For liquid spills, dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

Air Release:

Ventilate the area by opening door and/or turning on fans and blowers.

Water Release:

Do not flush to sewer.

Land Spills:

Avoid runoff into storm sewers and ditches that lead to waterways.

VII. HANDLING AND STORAGE

Handling:

Harmful or irritating; avoid overexposure to the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Storage:

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition.

VIII. ENGINEERING CONTROLS, PERSONAL PROTECTIVE EQUIPMENT, AND EXPOSURE LIMITS

Engineering Controls:

Local exhaust ventilation, process enclosures, or other engineering controls are important when handling or using this product to avoid overexposure.

Protective Equipment:

Respiratory Tract:

Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. A supplied air type respirator will be required. Wear a NIOSH approved respirator if levels above the exposure limits are possible.

Eyes:

Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available. An eye wash station must be available where this product is used.

Skin:

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Protective Clothing:

Wear chemically resistant gloves and apron. (Consult your safety equipment supplier).

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL	IDLH
Isopropanol	67-63-0	(400) ppm TWA; (983) mg/m ³ TWA 500 ppm STEL	400 ppm TWA; 980 mg/m ³ TWA	2000 ppm IDLH
Phosphoric acid	7664-38-2	1 mg/m ³ TWA 3 mg/m ³ STEL	1 mg/m ³ TWA	1000 mg/m ³ IDLH

IX. PHYSICAL DATA

Appearance:

Clear Liquid.

Color:

Clear

pH:

N/A

Octanol/Water Coeff:

Not Determined.

Solubility in Water:

Complete.

Vapor Density:

Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.

Evaporation Rate:

Faster than n-Butyl acetate.

Specific Gravity/Density:

0.843 / 7.03 Lbs./G1.

V.O.C.

6.93 Lbs/G1 less water & exempt solvent;	831 g/l less water & exempt solvent;	6.7 Lbs/G1 as packed
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The VOC content is determined by using a percent solids basis, less water and exempt solvents, for adhesives, coatings and inks and the calculations of EPA Reference Method 24 or equivalent ASTM method approved by the executive office.

X. STABILITY AND REACTIVITY**Stability Information:**

Stable under normal conditions.

Conditions to Avoid:

Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

Chemical Incompatibility:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon dioxide, Carbon monoxide.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	LD50/LC50
Isopropyl alcohol	Inhalation LC50 Rat: 16000 ppm/8H; Oral LD50 Rat: 5045 mg/kg; Oral LD50 Mouse: 3600 mg/kg; Dermal LD50 Rabbit: 12800 mg/kg
Phosphoric acid	Inhalation LC50 Rat: >850 mg/m ³ /1H; Oral LD50 Rat: 1530 mg/kg; Dermal LD50 Rabbit: 2740 mg/kg

XII. ECOLOGICAL INFORMATION**Overview:**

Care should be taken to minimize releases of any industrial chemicals to the environment.

XIII. DISPOSAL CONSIDERATIONS**Waste Description for Unused Product:**

Spent or discarded material is a hazardous waste.

Disposal Methods:

Information in this MSDS is provided only as a guide. Consult with competent authority to determine proper waste disposal procedures. Clean up and dispose of waste and clean-up materials in accordance with all federal, state, and local environmental regulations.

Potential EPA Waste Codes:

D001, .

Some Components Possibly Subjected to USEPA Land Disposal Restrictions:

When disposing of unused products or any waste, the preferred options are to send to a licensed reclaimer or to permitted incinerators. There may be some other ingredients subject to LDR categories. None expected.

XIV. TRANSPORTATION INFORMATION**Agency Basic Description and Label**

DOT Paint, 3, UN1263, PG II; Label Required: Flammable Liquid.

Hazardous Substance

Phosphoric acid RQ = 5000 pounds (2270 kg)

XV. REGULATORY INFORMATION**Regulation**

SARA 313 Reportable : Isopropyl alcohol, .

TSCA Inventory :

All components of this product are listed in, or exempt from, the TSCA 8(b) Inventory.

M.S.D.S. Reportable HAP(s) :

This product contains no HAP chemicals at or above de minimis values..

California Proposition 65 :

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986 - Proposition 65: "WARNING: This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm."

SARA/CERCLA Section 302 :

N/A

XVI. ADDITIONAL INFORMATION**Major References:** VENDOR'S MSDS's, PAINT & COATINGS HANDBOOK, EPA'S LIST OF LISTS, AND OTHER PUBLISHED MATERIALS.

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