

MATERIAL IDENTIFICATION

"MASTERSERIES" OVERSPRAY CONCENTRATE SR

MSDS NUMBER : 10110880

"MASTERSERIES" is a registered trademark of Du Pont.

Revision Date : 27-Aug-91

Date Printed : 27-Aug-91

MANUFACTURER/DISTRIBUTOR

Du Pont  
1007 Market Street  
Wilmington, DE 19898

PHONE NUMBERS

PRODUCT INFORMATION : 1-(800)441-7515

TRANSPORT EMERGENCY : 1-(800)424-9300

MEDICAL EMERGENCY : 1-(800)441-3637

DU PONT REGISTRY NUMBER: DP632-08-9

TSCA INVENTORY STATUS : Reported/Included

COMPONENTS

Material	CAS Number	%
NJ TRADE SECRET REGISTRY #00850201001-5155P		2.5-4.5
NJ TRADE SECRET REGISTRY #008500201001-5259P		1.0-5.0
POLYMETHYLMETHACRYLATE	9011-14-7	3.0-6.0
PHENOLIC RESIN CONDENSATE		0.5-2.0
CITRIC ACID	77-92-9	0.5-2.0
WATER	7732-18-5	80.5-92

PHYSICAL DATA

Boiling Point : 100 deg C (212 deg F)

% Volatiles : 85 WT %

Water Solubility : 100 WT %

pH : 4 - 5

Form : Opaque liquid

Color : Tan

Specific Gravity : 1.03 at 20 deg C (68 deg F)

Density : 8.6 lbs/gal @ 25 deg C (77 deg F)

---

**HAZARDOUS REACTIVITY**

---

Instability : Stable at normal temperatures and storage conditions.  
Incompatibility : Incompatible with mineral acids (precipitates).  
Polymerization : Polymerization will not occur.

Decomposition : Heating above 200 deg C (392 deg F),  
toxic decomposition products may be  
formed. These products may cause eye,  
nose, throat and lung irritation.

---

**FIRE AND EXPLOSION DATA**

---

Not a fire and explosion hazard.

**FIRE AND EXPLOSION HAZARDS**

In fire conditions, toxic decomposition products may be formed. These products may cause severe eye, nose, throat and lung irritation.

**EXTINGUISHING MEDIA**

Use media appropriate for surrounding material.

**SPECIAL FIRE FIGHTING INSTRUCTIONS**

Keep personnel removed & upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

---

**HEALTH HAZARD INFORMATION**

---

The undiluted product is a skin and eye irritant, equivalent to a mild soap detergent. The diluted product does not pose significant hazards to the applicator when applied properly. After proper application and drying, "MASTERSERIES" OVERSPRAY CONCENTRATE SR is non-hazardous.

The hazards associated with individual components of this product are listed below:

NJ TRADE SECRET REGISTRY #00850201001-5155P:

**ANIMAL DATA**

NJ Trade Secret Registry #00850201001-5155P is a moderate eye irritant and is not a skin irritant in animals.

**HUMAN HEALTH EFFECTS OF OVEREXPOSURE**

Skin contact may cause skin irritation with discomfort or rash. Materials similar to NJ Trade Secret Registry #00850201001-5155P have been shown to cause allergic skin

## Material Safety Data Sheet

## (HEALTH HAZARD INFORMATION - Continued)

reactions of some people.

Eye contact may cause eye irritation with discomfort, tearing or blurring of vision.

NJ TRADE SECRET REGISTRY #00850201001-5259P:

## ANIMAL DATA

Inhalation 4 hour LC50: 42 mg/m<sup>3</sup> in rats (respirable particles)

The product contains ingredients which cause skin irritation, eye irritation and weak skin sensitization in animals.

Toxic effects observed in animals from inhalation of respirable particulates includes lower respiratory irritation and pulmonary edema.

## HUMAN HEALTH EFFECTS OF OVEREXPOSURE

Skin contact may cause skin irritation with discomfort or rash. Eye contact may cause eye irritation with discomfort, tearing or blurring of vision.

Inhalation of respirable particles may cause lung irritation effects with cough, discomfort, difficulty breathing, shortness of breath of possibly modest symptoms, followed in hours by severe shortness of breath requiring prompt medical attention.

Individuals with preexisting diseases of the lung may have increased susceptibility to the toxicity of excessive exposures.

Du Pont measurements made during spray applications using airless type spray equipment showed that NJ Trade Secret Registry #00850201001-5259P airborne levels are below 0.1 mg/m<sup>3</sup>, 8-hour Time Weighted Average (TWA), the acceptable limit used within Du Pont for respirable particles of NJ Trade Secret Registry #00850201001-5259P. Significant concentrations of respirable particles would not be formed in other non-spray applications.

## POLYMETHYLMETHACRYLATE:

## ANIMAL DATA

Inhalation 4 hour LC50: > 2 mg/L in rats  
Skin absorption LD50: > 3,000 mg/kg in rabbits  
Oral LD50: > 2,000 mg/kg in rats

Polymethylmethacrylate is not a skin or eye irritant and is

## (HEALTH HAZARD INFORMATION - Continued)

not a skin sensitizer in animals.

Single and repeated exposures by ingestion produced mild degenerative changes of liver and kidneys.

## PHENOLIC RESIN CONDENSATE:

## HUMAN HEALTH EFFECTS OF OVEREXPOSURE

Inhalation, ingestion, skin or eye contact may cause skin irritation with discomfort or rash; eye irritation with discomfort and blurring of vision; or irritation of mucosal surfaces. Overexposure to the mists may cause irritation of the upper respiratory tract.

Individuals with preexisting diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures.

## CITRIC ACID:

## HUMAN HEALTH EFFECTS OF OVEREXPOSURE

Skin contact may cause skin irritation with discomfort or rash. Significant skin permeation, and systemic toxicity, after contact appears unlikely. There are no reports of human sensitization.

Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision.

Ingestion may cause gastrointestinal irritation with upper abdominal pain, "heart burn", nausea, vomiting, and diarrhea. However, there may be no symptoms at all.

## CARCINOGENICITY

None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

## APPLICABLE EXPOSURE LIMITS

## POLYMETHYLMETHACRYLATE

AEL \* (Du Pont): 10 mg/m<sup>3</sup> - 8 Hr. TWA, Total Dust  
5 mg/m<sup>3</sup> - 8 Hr. TWA, Respirable Dust  
TLV (ACGIH) : None Established  
PEL (OSHA) : None Established

\* AEL is Du Pont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

## SAFETY PRECAUTIONS

Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

## (HEALTH HAZARD INFORMATION - Continued)

Avoid inhalation of respirable particles.

-----  
FIRST AID  
-----

## INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

## SKIN CONTACT

Flush skin with water after contact. If irritation develops, call a physician.

## EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

## INGESTION

If swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

## NOTES TO PHYSICIAN

Activated charcoal slurry may be administered.  
To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400mL water and mix thoroughly.  
Administer 5mL/kg, or 350mL for an average adult.

-----  
PROTECTION INFORMATION  
-----

## GENERALLY APPLICABLE CONTROL MEASURES AND PRECAUTIONS

Keep container tightly closed when not in use. Do not aerosolize. In spray applications, use airless type pressure spray equipment at less than 60 psi. Use only with adequate ventilation to avoid inhalation of respirable particles.

Keep away from open flames and heated surfaces above 200 deg C (392 deg F); toxic decomposition products may be formed which may cause eye, nose, throat and lung irritation.

## PERSONAL PROTECTIVE EQUIPMENT

## EYE/FACE

Wear safety glasses or coverall chemical splash goggles.

## RESPIRATORS

Where there is potential for inhalation of respirable particles or in high vapor concentrations, wear NIOSH/MSHA-approved respiratory protection.

## (PROTECTION INFORMATION - Continued)

**PROTECTIVE GLOVES**

Wear impervious gloves while blending or in spray applications.

-----  
**DISPOSAL INFORMATION**  
-----**SPILL, LEAK, OR RELEASE**

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Prevent liquid from entering storm sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up. Place in container for disposal.

**WASTE DISPOSAL**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not burn.

Under normal conditions of use, the waste created is diluted residue from cleanup of the application equipment. This may be discharged into municipal wastewater treatment facilities.

-----  
**SHIPPING INFORMATION**  
-----**DOT**

Proper Shipping Name : NOT REGULATED

**DOT/IMO**

Proper Shipping Name : NOT REGULATED

-----  
**STORAGE CONDITIONS**  
-----

Keep container tightly closed.

Keep from freezing.

---

**ADDITIONAL INFORMATION AND REFERENCES**

---

This MSDS provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

None the materials contained in this product are regulated as toxic chemicals under section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

All non-exempt chemical substances incorporated into the product are included in the TSCA Inventory of Chemical Substances compiled by the U. S. Environmental Protection Agency (EPA).

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This product contains none of the substances known to the State of California to cause cancer or reproductive toxicity.

Pennsylvania and New Jersey Right-to-Know Laws: This product is not subject to the provisions of the Pennsylvania or New Jersey Right-to-Know Laws.

---

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : Y. Vinod  
Du Pont Fibers  
Chestnut Run Plaza  
Wilmington, DE 19880  
302-999-3444

End of MSDS