

MATERIAL SAFETY DATA SHEET

COATINGS AND RESINS GROUP

PPG Industries, Inc.

SECTION 1: CHEMICAL, PRODUCT AND COMPANY INFORMATION

PRODUCT CODE/IDENTITY: DT870
REVISION DATE: 11/14/97 (000) 0808
CUSTOMER PART #/NAME:
PRODUCT TRADE NAME: REDUCER
CHEMICAL FAMILY: SOLVENT
EMERGENCY MEDICAL/SPILL INFO: (304) 843-1300 (U.S.)
 91-800-00-214 (MEXICO)
 (440) 572-2800
TECHNICAL INFORMATION:
PRODUCT SAFETY/MSDS INFORMATION: 4325 ROSANNA DRIVE, P.O. BOX 9
 ALLISON PARK, PA 15101
 (412) 492-5555
DATE OF MSDS PREPARATION: 03/03/98

PRIMARY HAZARD WARNING

Flammable. Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke. Extinguish all flames and pilot lights. Turn off stoves, heaters, electrical motors, and other sources of ignition during use and until all vapors/odors are gone. Harmful if swallowed. May cause moderate skin irritation. Causes severe eye irritation. Vapor and/or spray mist may be harmful if inhaled. Vapor irritates eyes, nose, and throat.

THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), THE SUPPLIER NOTIFICATION REQUIREMENTS OF SARA TITLE III, SECTION 313, AND OTHER APPLICABLE RIGHT-TO-KNOW REGULATIONS.

SECTION 2: COMPOSITION INFORMATION ON INGREDIENTS

REF	HAZARDOUS INGREDIENTS	PERCENT	CAS NUMBER	CARCINOGEN*
01	1-METHOXY-2-PROPYL ACETATE	20 - <30	108-65-6	
02	METHYLCYCLOHEXANE	1 - <5	108-87-2	
03	TOLUENE	10 - <20	108-88-3	
04	N-HEPTANE	1 - <5	142-82-5	
05	NAPHTHA	1 - <5	64742-89-8	
06	METHYL ETHYL KETONE	30 - <40	78-93-3	
07	V.M. AND P. NAPHTHA	10 - <20	8032-32-4	

* Carcinogens: O = OSHA; A = ACGIH; N = NTP; I = IARC

SARA TITLE III & CERCLA CLASSIFICATIONS

REF	SARA 311/312			
	SARA 102 RQ (LBS)	SARA 302 TPQ (LBS)	SARA 313 AC	CH FL PR RE
01	NOT ESTAB	NOT ESTAB	N	Y N Y N N
02	NOT ESTAB	NOT ESTAB	N	Y N Y N N
03	1000	NOT ESTAB	Y	Y N Y N N
04	NOT ESTAB	NOT ESTAB	N	Y N Y N N
05	NOT ESTAB	NOT ESTAB	N	Y N Y N N
06	5000	NOT ESTAB	Y	Y N Y N N
07	NOT ESTAB	NOT ESTAB	N	Y N Y N N

SARA 311/312 CATEGORIES FOR THIS PRODUCT: ACUTE = Y, CHRONIC = N, FLAMMABILITY = Y, PRESSURE = N, REACTIVITY = N

OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THE FOLLOWING MATERIALS:

REF	ACGIH		U.S. OSHA	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-STEL
01	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB
01	IPEL-TWA	100 ppm	IPEL-STEL	NOT ESTAB
02	400 ppm	NOT ESTAB	400 ppm	NOT ESTAB
03	S- 50 ppm	NOT ESTAB	100 ppm	150 ppm
04	400 ppm	500 ppm	400 ppm	500 ppm
05	NOT ESTAB	NOT ESTAB	NOT ESTAB	NOT ESTAB
06	200 ppm	300 ppm	200 ppm	300 ppm
06	IPEL-TWA	NOT ESTAB	IPEL-STEL	250 ppm
07	300 ppm	NOT ESTAB	300 ppm	400 ppm

(C- Ceiling Limit; S- Potential Skin Absorption; R- Respirable Dust) [NOT ESTAB. = NOT ESTABLISHED = NOT APPLICABLE]

PRODUCT STATUS RELATIVE TO THE U.S. EPA TOXIC SUBSTANCES

CONTROL ACT

All chemical substances in this product are listed on the U.S. TSCA Inventory or are otherwise exempt from TSCA Inventory reporting requirements.

SECTION 3: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE FROM:

- > **INGESTION:** Harmful if swallowed.
- > **EYE CONTACT:** Causes severe eye irritation.
- > **SKIN CONTACT:** May cause moderate skin irritation.
- > **INHALATION:** Vapor and/or spray mist may be harmful if inhaled. Vapor irritates eyes, nose, and throat. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage.
- > **CHRONIC OVEREXPOSURE:** Avoid long-term and repeated contact. This product contains methyl ethyl ketone (MEK). MEK has been shown to cause minor embryotoxic/fetotoxic effects in laboratory animals exposed for prolonged periods at high concentrations via inhalation. The potential for human exposure to high concentrations is expected to be low due to the irritating effects of MEK at low concentrations. This product contains toluene. Toluene inhalation in animals (greater than 1500 ppm) and intentional inhalation of toluene-containing products by humans (e.g. glue) has caused adverse fetal development effects.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Eye watering, headaches, nausea, dizziness, and loss of coordination are indications that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Redness, itching, burning sensation and visual disturbances may indicate excessive eye contact. Dryness, itching, cracking, burning, redness, and swelling are conditions associated with excessive skin contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not applicable.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 4: FIRST AID MEASURES

- > **INGESTION:** If swallowed, do not induce vomiting. Gently wipe out inside mouth to remove any residual material.
- > **EYE CONTACT:** In case of eye contact, remove contact lenses and flush eyes immediately with a gentle stream of luke warm water for at least 15 minutes.
- > **SKIN CONTACT:** In case of skin contact, flush immediately with plenty of water for at least 15 minutes followed by washing with soap and water.
- > **INHALATION:** If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other support measures as required.
- > **OTHER:** If ingestion, any type of overexposure or symptoms of overexposure occur during or following the use of this product, contact a poison control center, emergency room or physician immediately; have Material Safety Data Sheet information available.

SECTION 5: FIRE FIGHTING MEASURES

- > **FLASHPOINT:** 23 Degrees F (-5 Degrees C) (PENSKEY-MARTENS CLOSED CUP)
- > **FLAMMABLE LIMITS:** Lower explosion limit (LEL): 1.5
- > **Upper explosion limit (UEL):** Not available
- > **EXTINGUISHING MEDIA:** Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IB flammable liquid fires.
- > **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep this product away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, static electricity). Invisible vapors can travel to a source of ignition and flash back. Do not smoke while using this product. Keep containers tightly closed when not in use. Closed containers may explode when overheated. Do not apply to hot surfaces. Toxic gases may form when this product comes in contact with extreme heat.
- > **SPECIAL FIRE FIGHTING PROCEDURES:** Water spray may be ineffective. Water spray may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable. Fire-fighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- > **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material



Manufactured and Supplied by:
 REFINISH PRODUCTS
 19699 PROGRESS DRIVE STRONGSVILLE, OH 44136