

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: (9991) LIQUID ROOF

HMIS CODES: H2 F2 R0 PG

PRODUCT CODE: F9991

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Pro Guard Coatings

ADDRESS: One Industrial Way Denver, PA 17517

EMERGENCY PHONE: 1-800-424-9300 INFORMATION PHONE: 717-336-7900 DATE REVISED: 12/7/11

NAME OF PREPARER: Sue Nielsen

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT
		OSHA PEL	ACGIR TLV	OTHER	am Hg @ TEMP		PERCENT
*HIGH FLASH NAPHTHA 100 VOLATILE SOLVENT	64742-95-6		100PPM		10.0	77°F	10
STYRENE-ETHYLENE/BUTYLENE-STYRENE BLOCK COPOLYMER	MIXTURE				N/A		
ALIPHATIC HYDROCARBON	64742-47-8	100PPM	100PPM		2.0	68°F	
REACTION PRODUCTS OF EPICHLOROHYDRIN & BISPHENOL A	25068-38-6				1.0	68°F	
HBUTYL PEROXYBENZOATE	614-45-9				7.6	75°F	

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	170°-392°F	SPECIFIC GRAVITY (H2O=1):	1.0
VAPOR DENSITY:	HEAVIER THAN AIR	EVAPORATION RATE:	SLOWER THAN ETHER
COATING V.O.C.	2.51 LB/GL (301 G/L)		
MATERIAL V.O.C.	2.50 LB/GL (300 G/L)		
SOLUBILITY IN WATER:	INSOLUBLE		
APPEARANCE AND ODOR:	WHITE VISCOUS LIQUID WITH PETROLEUM ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	115°F	METHOD USED:	SETAFLASH	
FLAMMABLE LIMITS IN AIR BY VOLUME-	LOWER:	0.9%	UPPER:	8.9%
EXTINGUISHING MEDIA:	FOAM, CO2, DRY CHEMICAL			
SPECIAL FIREFIGHTING PROCEDURES: FULL PROTECTIVE EQUIPMENT. WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CLOSED CONTAINERS.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DECOMPOSITION PRODUCTS MAY CAUSE HEALTH HAZARD.				

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:
STRONG OXIDIZERS

INCOMPATIBILITY (MATERIALS TO AVOID)
STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
CARBON MONOXIDE AND ASPHYXIANTS

HAZARDOUS POLERIZATION: WILL NOT OCCUR
N/A

SECTION VI - HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes, **SEE SKIN ABSORPTION SIGNS AND SYMPTOMS OF EXPOSURE.**

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin: Prolonged and repeated liquid contact can cause defatting and drying of the skin, which may result in dermatitis.

Eye: Short-term liquid or vapor contact may result in slight eye irritation. Prolonged contact-may be more irritating

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Contains organic solvent. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys and blood. Vapor harmful and irritating. Avoid breathing fumes.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Liquid ingestion may result in vomiting. Aspiration "breathing" of vomitus into the lungs must be avoided as even small quantities in the lungs may result in chemical pneumonitis and pulmonary edema / hemorrhage.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute toxicity: Overexposure can lead to Central Nervous System depression producing such effects as headache, dizziness, nausea and loss of consciousness.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
IARC lists cobalt and cobalt compounds as possible human carcinogens (group 2B). However, there is inadequate evidence of the carcinogenicity of cobalt and cobalt compounds in humans.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE N/A

EMERGENCY AND FIRST AID PROCEDURES

Eye: Flush with water for 15 minutes while holding eye-lids open. Get medical attention immediately.

Skin: Wash with soap and water. Remove contaminated clothing and shoes and do not reuse until laundered. Get medical attention.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing.

Ingestion: Do not induce vomiting even though vomiting may occur. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Prevent ignition; stop leak; ventilate area; contain spill; absorb on inert material.

WASTE DISPOSAL METHOD

Follow Federal, State and Local regulations. Dispose of in a facility approved under RCRA regulations for Hazardous Waste. Incinerate. Contract an authorized disposal service.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, or flame. Keep containers tightly closed. Keep in well-ventilated space.

OTHER PRECAUTIONS

This product is designated as a hazardous substance under the Clean Water Act. Keep out of surface waters or sewers entering or leading to surface waters.

SECTION VIII - CONTROL MEASURES**RESPIRATORY PROTECTION**

NIOSH-approved respirator as required to prevent overexposure. Use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

VENTILATION

Use explosion proof ventilation as required to control vapor concentrations.

PROTECTIVE GLOVES

Impervious gloves

EYE PROTECTION

Chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Protective clothing as required to prevent skin contact.

WORK/HYGIENIC PRACTICES

Do not weld, heat or drill near containers. Even empty containers may contain explosive vapors.

SECTION IX – TRANSPORT INFORMATION**US DOT-NOT REGULATED****SEA- (IMDG)**

Proper Shipping Name: Rubber Solution

Hazard Class and Division: 3

UN Number: 1287

Packing Group: III

Labels: 3

Transport Document Name: UN 1267, Rubber Solution, 3, PGIII FP 46° (115°)

AIR- (IATA)

Proper Shipping Name: Rubber Solution

Hazard Class and Division: 3

UN Number: 1287

Packing Group: III

Labels: 3

Transport Document Name: UN 1267, Rubber Solution, 3, PGIII FP 46° (115°)

SECTION IX - DISCLAIMER

DISCLAIMER

The facts stated are based upon information believed to be accurate. No guarantee is made of data accuracy. We do not assume responsibility or liability for use of this product, since we have no control over the conditions or methods of its use. Compliance with all applicable federal state and local regulations is the responsibility of the user.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: (0091) BLUE MAGIC CATALYST

HMIS CODES: H2 F1 R0 PC

PRODUCT CODE: F0091

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Pro Guard Coatings

ADDRESS: One Industrial Way Denver, PA 17517

EMERGENCY PHONE: 1-800-424-9300 INFORMATION PHONE: 717-336-7900 DATE REVISED: 12/7/11

NAME OF PREPARER: Sue Nielsen

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT
		OSHA PEL	ACGIR TLV	OTHER	am Hg@	TEMP	PERCENT
STODDARD SOLVENT	8052-41-3	100 PPM	100 PPM		1.6	68°F	

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	315°-390°F	SPECIFIC GRAVITY (H2O=1):	1.0
VAPOR DENSITY:	HEAVIER THAN AIR	EVAPORATION RATE:	SLOWER THAN ETHER
COATING V.O.C.	5.71 LB/GL (685 G/L)		
MATERIAL V.O.C.	5.71 LB/GL (685 G/L)		
SOLUBILITY IN WATER:	NEGLIGIBLE		
APPEARANCE AND ODOR:	PURPLE COLORED LIQUID, TYPICAL HYDROCARBON ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	100°F	METHOD USED:	TCC	
FLAMMABLE LIMITS IN AIR BY VOLUME-	LOWER:	N/A	UPPER:	N/A
EXTINGUISHING MEDIA;	FOAM, CO2, DRY CHEMICAL, WATER FOG			
SPECIAL FIREFIGHTING PROCEDURES: DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING AN NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS, SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.				
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A			

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:

Carbon monoxide and unidentified organics may be formed during combustion

INCOMPATIBILITY (MATERIALS TO AVOID)

N/A

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

N/A

HAZARDOUS POLERIZATION: WILL NOT OCCUR

N/A

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin: Prolonged and repeated light contact can cause defatting and drying of the skin, which may result in dermatitis.

Eye: Short-term liquid or vapor contact may result in slight eye irritation. Prolonged contact-may be more irritating

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

See the previous.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Liquid ingestion may result in vomiting. Aspiration of the liquid must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema / hemorrhage.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Overexposure can lead to Central Nervous System depression producing effects as headache, dizziness, nausea and loss of consciousness.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

IARC lists cobalt and cobalt compounds as possible human carcinogens (group 2B). However, there is inadequate evidence of the carcinogenicity of cobalt and cobalt compounds in humans.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Conditions aggravated by exposure may include skin and respiratory disorders.

EMERGENCY AND FIRST AID PROCEDURES

Eye: Flush with water. If persistent irritation occurs, get medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and do not reuse until laundered.
Get medical attention.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Ingestion: Do not induce vomiting even though vomiting may occur. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Soak up with a noncombustible absorbent and place in drums for disposal. Flush area with water to remove trace residue. Collect flush solutions for disposal.

WASTE DISPOSAL METHOD

Dispose of in a facility approved under RCRA regulations for Hazardous Waste. Containers must be leak-proof and properly labeled.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away from oxidizing materials in a cool, dry place with adequate ventilation. Keep away from heat and open flames. Keep containers sealed.

OTHER PRECAUTIONS

Wash up with soap and water before eating, drinking, and smoking or using toilet facilities. Launder contaminated clothing before reuse.

SECTION VIII - CONTROL MEASURES**RESPIRATORY PROTECTION**

NIOSH-approved respirator as required to prevent overexposure. Use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

VENTILATION

Explosion proof

PROTECTIVE GLOVES

Impervious gloves

EYE PROTECTION

Splash goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

N/A

WORK/HYGIENIC PRACTICES

Wash up with soap and water after handling material. Launder contaminated clothing before reuse.

SECTION IX – TRANSPORT INFORMATION**US DOT-NOT REGULATED****SEA- (IMDG)**

Proper Shipping Name: Paint Related Material

Hazard Class and Division: 3

UN Number: 1263

Packing Group: III

Labels: 3

Transport Document Name: UN 1263, Paint Related Material, 3, PGIII FP 46° (115°)

AIR- (IATA)

Proper Shipping Name: Paint Related Material

Hazard Class and Division: 3

UN Number: 1263

Packing Group: III

Labels: 3

Transport Document Name: UN 1263, Paint Related Material, 3, PGIII FP 46° (115°)

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