## **SAFETY DATA SHEET**



#### Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 30 January 2024

Version 1

Date of issue 30 January 2024

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	: FULL METAL JACKET® (FMJ) HYBRID POLYUREA
Product code	: 00475821
Other means of identification	: Not applicable.
Product type	: Liquid.
Relevant identified uses of	f the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	Not applicable.
Manufacturer	: PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272
<u>Emergency telephone</u> <u>number</u>	: (412) 434-4515 (U.S.) (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México)
Technical Phone Number	: 888-977-4762

## **SECTION 2: Hazards identification**

Classification of the substance or mixture	: ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 5 EYE IRRITATION - Category 2A TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 20.0% (uncl) 20.4% (dermal) 25.0% (inclusion)
	30.9% (oral), 32.4% (dermal), 95.8% (inhalation)
<u>GHS label elements</u>	
Hazard pictograms	
Signal word	: Warning

Product name FULL METAL JACKET® (FMJ) HYBRID POLYUREA

## **SECTION 2: Hazards identification**

Hazard statements	:	<ul> <li>H302 - Harmful if swallowed.</li> <li>H313 - May be harmful in contact with skin.</li> <li>H319 - Causes serious eye irritation.</li> <li>H361 - Suspected of damaging fertility or the unborn child.</li> <li>H373 - May cause damage to organs through prolonged or repeated exposure.</li> </ul>
Precautionary statements		
Prevention	:	<ul> <li>P201 - Obtain special instructions before use.</li> <li>P202 - Do not handle until all safety precautions have been read and understood.</li> <li>P280 - Wear protective gloves, protective clothing and eye or face protection.</li> <li>P260 - Do not breathe vapor.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> <li>P264 - Wash thoroughly after handling.</li> </ul>
Response	:	<ul> <li>P308 + P313 - IF exposed or concerned: Get medical advice or attention.</li> <li>P301 + P312, P330 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.</li> <li>P302 + P312 - IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell.</li> <li>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P337 + P313 - If eye irritation persists: Get medical advice or attention.</li> </ul>
Storage	:	P405 - Store locked up.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification	:	Emits toxic fumes when heated.

See toxicological information (Section 11)

## **SECTION 3:** Composition/information on ingredients

Substance/mixture	: Mixture
Product name	: FULL METAL JACKET® (FMJ) HYBRID POLYUREA
Other means of identification	: Not applicable.

Ingredient name	%	CAS number
Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3: 1)	≥20 - ≤50	9082-00-2
diethylmethylbenzenediamine Propane-1,2-diol, propoxylated (MW<2000) carbon black bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	≥20 - ≤37 ≥1.0 - ≤5.0 ≥1.0 - ≤5.0 <1.0	68479-98-1 25322-69-4 1333-86-4 41556-26-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

# Description of necessary first aid measures Eye contact : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

- Skin contact
   : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

   Indextion
   : If swallowed, sock medical advice immediately and show this container or label.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eye contact	: Causes serious eye irritation.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: May be harmful in contact with skin.	
Ingestion	: Harmful if swallowed.	

#### Over-exposure signs/symptoms

See toxicological information (Section 11)

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</li></ul>
Specific treatments	The exposed person may need to be kept under medical surveillance for 48 hours. <li>No specific treatment.</li>
Protection of first-aiders	<ul> <li>No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.</li> </ul>

## **SECTION 5: Firefighting measures**

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Product name FULL METAL JACKET® (FMJ) HYBRID POLYUREA

## **SECTION 6: Accidental release measures**

Personal precautions, protect	ive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ntainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## **SECTION 7: Handling and storage**

Precautions for safe handling	
Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Special precautions	: Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## **SECTION 7: Handling and storage**

Conditions for safe storage,	1	Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in
including any		accordance with local regulations. Store in original container protected from direct
incompatibilities		sunlight in a dry, cool and well-ventilated area, away from incompatible materials
		(see Section 10) and food and drink. Store locked up. Keep container tightly closed
		and sealed until ready for use. Containers that have been opened must be carefully
		resealed and kept upright to prevent leakage. Do not store in unlabeled containers.
		Use appropriate containment to avoid environmental contamination.

## **SECTION 8: Exposure controls/personal protection**

#### Control parameters

#### **Occupational exposure limits**

Ingredient name			Exposure limits
Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1) diethylmethylbenzenediamine Propane-1,2-diol, propoxylated (MW<2000) carbon black			None. None. None. <b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction
bis(1,2,2,6,6-pentamethyl-4-pi	pe	ridyl) sebacate	None.
		Key to abbreviations	
C = Ceiling Limit IPEL = Internal Permissible Expo	sur	STEL	= Threshold Limit Value
Consult local authorities for	a	cceptable exposure limits.	
Recommended monitoring procedures	:		priate monitoring standards. Reference to tho the termination of hazardous
Appropriate engineering controls	:	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.	
Environmental exposure controls	:	they comply with the requirements o	rocess equipment should be checked to ensure f environmental protection legislation. In some jineering modifications to the process ce emissions to acceptable levels.
Individual protection measure	es		
Hygiene measures		Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	
Eye/face protection	1	Chemical splash goggles.	
Skin protection			
Hand protection	-	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately	
			Mexico Page: 5/12

Mexico Page: 5/12

## **SECTION 8: Exposure controls/personal protection**

	estimated.
Gloves	: For prolonged or repeated handling, use the following type of gloves:
	Recommended: nitrile rubber, natural rubber (latex)
Body protection	<ul> <li>Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## **SECTION 9: Physical and chemical properties**

<u>Appearance</u>		
Physical state	:	Liquid.
Color	:	Black.
Odor	:	Characteristic.
Odor threshold	1	Not available.
Molecular weight	1	Not applicable.
рН	÷	Not applicable.
Melting point	1	Not available.
Boiling point	1	>37.78°C (>100°F)
Flash point	1	Closed cup: 100°C (212°F)
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	
Flammability		Not available.
Lower and upper explosive (flammable) limits	:	Not available.
Evaporation rate	1	Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	1.03
Density(lbs / gal)	:	8.6
		Media Result
Solubility(ies)	÷	cold water Not soluble
Solubility in water	:	Not available.
Partition coefficient: n- octanol/water	:	Not applicable.
Viscosity	:	Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)
Volatility	1	1% (v/v), 0.551% (w/w)
% Solid. (w/w)	:	99.449

Date of issue 30 January 2024 Version 1

Product name FULL METAL JACKET® (FMJ) HYBRID POLYUREA

## **SECTION 10: Stability and reactivity**

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials carbon oxides nitrogen oxides

## **SECTION 11: Toxicological information**

#### Information on toxicological effects

Acute toxicity

**Mutagenicity** 

**Classification** 

				1
Product/ingredient name	Result	Species	Dose	Exposure
Oxirane, 2-methyl-, polymer	LD50 Dermal	Rabbit	>5 g/kg	-
with oxirane, ether with				
1,2,3-propanetriol (3:1)				
	LD50 Oral	Rat	>10 g/kg	-
diethylmethylbenzenediamine		Rat	472 mg/kg	-
Propane-1,2-diol,	LD50 Dermal	Rabbit	>10000 mg/kg	-
propoxylated (MW<2000)		Det	1000	
aarban blaak	LD50 Oral	Rat	1000 mg/kg	-
carbon black	LD50 Oral LD50 Oral	Rat Rat	>10 g/kg 3.125 g/kg	-
bis(1,2,2,6,6-pentamethyl- 4-piperidyl) sebacate	LD30 Oral	nai	5.125 g/kg	-
4-pipelidyi) sebacate				
Conclusion/Summary	: There are no data available or	the mixture itse	elf.	
Irritation/Corrosion				
Conclusion/Summary				
Skin	: There are no data available or	the mixture itse	elf.	
Eyes	: There are no data available or	the mixture itse	elf.	
Respiratory	: There are no data available or	the mixture itse	elf.	
Sensitization				
Conclusion/Summary				
Skin	: There are no data available or	the mixture itse	elf.	
Respiratory	: There are no data available or	the mixture itse	elf.	

wiutagenicity	
Conclusion/Summary	: There are no data available on the mixture itself.

**Carcinogenicity** Conclusion/Summary : There are no data available on the mixture itself.

## **SECTION 11: Toxicological information**

Product/ingredient name	OSHA	IARC	NTP
carbon black	-	2B	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4 NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: + Not listed/not regulated: -

#### **Reproductive toxicity**

**Conclusion/Summary** : There are no data available on the mixture itself.

#### **Teratogenicity**

**Conclusion/Summary** : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name		Category	Route of exposure	Target organs
diethylmethylbenzenediamine		Category 2	-	-
Target organs : Contains material which may cause damage to the following organs: lungs, up			ans: lungs, upper	

respiratory tract, eyes.

#### **Aspiration hazard**

Not available.

#### Information on the likely routes of exposure

#### Potential acute health effects

Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May be harmful in contact with skin.
Ingestion	: Harmful if swallowed.
Over-exposure signs/sympt	<u>oms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Delayed and immediate effe	cts and also chronic effects from short and long term exposure

Mexico Page: 8/12

## Product name FULL METAL JACKET® (FMJ) HYBRID POLYUREA

## **SECTION 11: Toxicological information**

	-	5
Conclusion/Summary	:	There are no data available on the mixture itself. Carbon black is utilized as a raw material in many liquid coating formulations. In this case, the carbon black particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of carbon black when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Most carbon blacks contain trace quantities of polyaromatic hydrocarbons (PAH). PAHs are not expected to be released in biological fluids and are therefore not likely available for biological activity. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.
<u>Short term exposure</u>		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	:	There are no data available on the mixture itself.
Long term exposure		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	:	There are no data available on the mixture itself.
Potential chronic health effe	octs	
General	1	May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Reproductive toxicity	:	Suspected of damaging fertility or the unborn child.
Numerical measures of toxic	citv	

#### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
FULL METAL JACKET® (FMJ) HYBRID POLYUREA	555.0	3291.8	N/A	N/A	N/A
Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1)	500	N/A	N/A	N/A	N/A
diethylmethylbenzenediamine	472	1100	N/A	N/A	N/A
Propáne-1,2-diol, propoxylated (MW<2000) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	1000 3125	N/A N/A	N/A N/A	N/A N/A	N/A N/A

## **SECTION 12: Ecological information**

#### <u>Toxicity</u>

Product/ingredient name	Result	Species	Exposure
diethylmethylbenzenediamine Propane-1,2-diol, propoxylated (MW<2000)	Acute EC50 0.5 mg/l Fresh water Acute LC50 >100 mg/l	Daphnia Fish	48 hours 96 hours

## **SECTION 12: Ecological information**

Persistence and degradability					
Product/ingredient name Aquatic half-life Photolysis Biodegradability					
diethylmethylbenzenediamine	-	-	Not readily		

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
diethylmethylbenzenediamine Propane-1,2-diol, propoxylated (MW<2000)	14.7 -0.68 to 0.01	-	High Low

#### Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

Other adverse effects : No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

Disposal methods	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	material and runon and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## **SECTION 14: Transport information**

	Mexico Classification	IMDG	ΙΑΤΑ
UN number	UN3082	UN3082	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (diethylmethylbenzenediamine)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (diethylmethylbenzenediamine)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (diethylmethylbenzenediamine)
Transport hazard class(es)	9	9	9
Packing group			
	1	1	Mexico Page: 10/12

Date of issue 30 January 2024 Version 1

Product name FULL METAL JACKET® (FMJ) HYBRID POLYUREA

## **SECTION 14: Transport information**

Environmental hazards	Yes.	Yes.	Yes.
Marine pollutant substances	Not applicable.	(diethylmethylbenzenediamine)	Not applicable.

#### **Additional information**

Mexico	The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.	
IMDG	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.	
ΙΑΤΑ	: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.	
Special preca	tions for user : <b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.	
Transport in I to IMO instru	Ilk according : Not applicable. ents	

## **SECTION 15: Regulatory information**

#### **Mexico**

Classification

Flammability : 1 Health : 3 Reactivity : 0

#### International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## **SECTION 16: Other information**

Hazardous Material Information System (U.S.A.)

Health : 3 \* Flammability : 1 Physical hazards : 0 (\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Date of previous issue : No previous validation

#### Product name FULL METAL JACKET® (FMJ) HYBRID POLYUREA

## **SECTION 16: Other information**

Organization that prepared the SDS	: EHS
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations</li> </ul>

#### Indicates information that has changed from previously issued version.

#### Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

#### **Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.