MATERIAL SAFETY DATA SHEET

PAC INTERNATIONAL, INC.
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DATE ISSUED:02/10/2018

I - PRODUCT IDENTIFICATION

PRODUCT: RUBBER AND STEEL

CHEMICAL FAMILY: POLYMERIC

COMPOUND NO: 39930NR 450

PROPRIETARY FORMULATION

II - PRODUCT IDENTIFICATION

MATERIAL LISTED IN THIS SECTION ARE IN CONCENTRATIONS OF 0.1% OR MORE IF CARCINOGENIC AND / OR 1% OR MORE IF TOXIC, IRRITANT, ETC. PER 29CFR 1910 1200

		AGGTH TLV	OS IA PE.	% WT
* ZINC BORATE HYDRATE CAS NO. 138265-86-0		10MG/m	5MG/M3	1.52%
SOLVENT REFINED NAPTHENIC DISTILLATE CAS NO. 64741-86-4	(IRRITANT)	5MG/M	35MC/M3	2.02%
TRIPHENYL PHOSPHATE CAS NO. 115-86-6	(TOXIC)	3MG/M3	3MG/M3	1.88%
PROPYLATED TRIPHENYL PHOSPHSTE CAS NO. 68937-41-7	(TOXIC)			10.65%
* ZINC OXIDE CAS NO. 1314-13-2	(TOXIC)	N/A	N/A	1.01%

* NOTE: THIS PRODUCT CONTAINS TOXIC MATERIALS REPORTABLE UNDER SARA TITLE III, SECTION 313

III - PHYSICAL DATA

BOILING POINT	N/A	PERCENT VOLATILE BY VOLUME	N/A
VAPOR PRESSURE/DENSITY	N/A	EVAPORATIVE RATE	N/A
SOLUBILITY IN WATER	NIL	POLYMERIC SOLID; CHARACTERISTIC	ODOR
SPECIFIC GRAVITY	1.331		

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IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	NOT DETERMINED
AUTO IGNITION TEMP:	NOT DETERMINED
FLAMMABLE LIMITS IN AIR:	NOT DETERMINED
EXTINGUISHING MEDIA:	WATER, FOG, DRY CHENICAL, CO2, FOAM

SPECIAL FIRE FIGHTING PROCEDURES

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING WHEN FIGHTING FIRES INVOLVING CHENICALS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

EXPOSURE TO TEMPERATURES ABOVE 200 C (392 F) MAY RELEASE VAPORS IRRITATING TO EYES, SKIN, AND LUNGS. THEREFORE GROUNDING OF POTENTIAL ELECTROSTALIC CHARGE BUILDUP, EQUIPMENT IS RECOMMENDED.

V - REACTIVITY DATA

STABILITY:	STABLE AT AMBIENT TEMPERATURES AND PRESSURE
INCOMPATIBILITY:	NONE KNOWN

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DECOMPOSITION PRODUCTS

OXIDES OF CARBON, SULFUR, AND NITROGEN ARE FORMED UNDER BURNING CONDITIONS. SUBSTANTIAL QUANTITIES OF HYDROGEN HALIDE (TLV 5PPM) CARBON MONOXIDE, CARBON DIOXIDE, SULFUR DIOXIDE, ORGANIC ACIDS, ALDEHYDES AND ALCOHOLS ARE EVOLVED WHEN HEATED AT TEMPERATURES OF 200 C (392 F) OR HIGHER. SUBSTANTIAL QUANTITIES OF PHOSPHIDES (TLV 5PPM) ARE EVOLVED WHEN HEATED AT TEMPERATURES OF 200C (392 F) OR HIGHER. DECOMPOSITION PRODUCTS MAY CONTAIN HCN (HYDROGEN CYANIDE) AND/OR HCL (HYDROGEN CHLORIDE). MORPHINE VAPORS MAY BE RELEASED ABOVE 130 DEG C

VI - SPECIAL PROTECTION EQUIPMENT

ENGINEERING CONTROLS

LOCAL EXHAUST VENTILATION/DUST COLLECTION RECOMMENDED FOR ALL HOT PROCESSING/GRINDING OPERATIONS.

PERSONAL PROTECTION EQUIPMENT

AVOID SKIN CONTACT BY THE USE OF PERSONAL HYGIENE, INCLUDING THE WASHING OF HANDS AND OTHER EXPOSED BODY PARTS AS OFTEN AS POSSIBLE, I.E. BEFORE BREAKS, AFTER EXCESSIVE EXPOSURE AND AFTER SHIFT. WHEN PARTICULATE LIMITS ARE EXCEEDED, USE NOISH CERTIFIED RESPIRATORY PROTECTION AS APPROPRIATE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS (I.E. ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA,, ETC.) MAY BE ADVERSELY AFFECTED BY ANY FUME OR AIRBORNE PARTICULATE EXPOSURE. SENSITIVE INDIVIDUALS MAY BE SUSCEPTIBLE TO ALLERGIC REACTION UPON CONTACT WITH SKIN, EYES, OR RESPIRATORY TRACT.

VII - STORAGE, SPILLS, AND DISPOSAL INFORMATION

STORAGE:	STORE AWAY FROM HEAT
SPILLS:	HANDLE AS SOLID WASTE
DISPOSAL:	IN ACCORDANCE WITH LOCAL, STATE OR FEDERAL REGULATIONS REGARDING DISPOSAL OF POLYMERIC WASTES.

ENVIRONMENTAL INFORMATION: NOT DETERMINED

VIII - HEALTH RELATED DATA

SPECIFIC HAZARD (S):	CONTACT WITH SKIN MAY CAUSE IRRITATION.
PRIMARY ROUTE (S) OF ENTRY:	INHALATION OF HOT FUMES, SKIN ABSORPTION.

IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE BELOW 70 F AWAY FROM DIRECT HEAT AND SUNLIGHT.

OTHER PRECAUTIONS: WASH THOROUGHLY AFTER HANDLING.

A CLASS OF MATERIAL CALLED NITROSAMINES ARE ANIMAL CARCINOGENS AND SHOULD BE TREATED AS POSSIBLE HUMAN CARCINOGENS. BECAUSE MANY RUBBER MATERIALS CONTAIN AMIME-BASED INGREDIENTS, TRACE RESIDUAL AMOUNTS (WELL BELOW 0.1%) OF NITROSAMINE ARE LIKELY TO EXIST IN MOST RUBBER COMPOUNDS.

AS CONDITIONS OR METHODS OF USE ARE BEYOND CONTROL, WE DO NOT ASSUME ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ANY LIABILITY FOR ANY USE OF THE MATERIAL. INFORMATION CONTAINED HEREIN IS BELIEVED TO BE TRUE AND ACCURATE BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT WARRANTY EXPRESSED OR IMPLIED, REGARDING ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS REMAINS THE RESPONSIBILITY OF THE USER.

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I - PRODUCT IDENTIFICATION

PRODUCT: RUBBER AND STEEL

II - PRODUCT DESCRIPTION

RESILIENT SOUND ISOLATION CLIP

III – PHYSICAL DATA

MELTING POINT F (C) GREATER THAN 2800 (1540)
VAPOR PRESSURE: NOT APPLICABLE
VAPOR DENSITY: NOT APPLICABLE
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: GRAYISH TO SILVER ODORLESS
SPECIFIC GRAVITY (H20=1): GREATER THAN 7%
VOLATILE BY VOLUME(%): NOT APPLICABLE
EVAPORATIVE RATE: NOT APPLICABLE

IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT F (C): NOT APPLICABLE
FLAMMABLE LIMITS: NOT APPLICABLE
EXTINGUISHING LIMITS: USE METHODS APPLICABLE TO SURROUNDING AREA
USUAL FIRE AND EXPLOSION HAZARDS: NONE
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS FOR PROTECTION AGAINST DEGRADATION PRODUCTS AND FIRE FIGHTING TECHNIQUE OR AGENT (S) APPLICABLE TO SURROUNDING MATERIALS.

V – HEALTH HAZARD DATA

APPLICABLE STATUARY OR RECOMMENDED OCCUPATIONAL EXPOSURE LIMITS:
NO THRESHOLD LIMIT VALUE (TVL) OR PERMISSIBLE EXPOSURE LIMIT (PEL) EXISTS OF STEEL.
ACUTE EFFECTS -
SWALLOWED: NOT EXPECTED TO BE SWALLOWED IN THE FORM SUPPLIED
EYE: NOT IRRITATING TO EYES IN THE FORM SUPPLIED
SKIN: NOT IRRITATING TO SKIN IN THE FORM SUPPLIED
INHALED: NOT EXPECTED TO BE INHALED IN THE FORM SUPPLIED. WELDING OR CUTTING OPERATIONS THAT GENERATE ZINC OXIDE FUME MAY LEAD TO ZINC FUME FEVER.
CHRONIC EFFECTS: NO REPORTS OF EFFECTS FROM PROLONGED OR REPEATED EXPOSURE TO THE PRODUCT AS SUPPLIED. PROLONGED SKIN CONTACT WITH CHROMIUM SURFACE TREATMENTS MAY LEAD TO CHROMIUM SENSATION IN SENSITIVE INDIVIDUALS. PROLONGED CONTACT WITH THE SURFACE OIL USED FOR CORROSION PROTECTION MAY IRRITATE THE SKIN IN SENSITIVE INDIVIDUALS.

VI – REACTIVITY DATA

STABILITY: CONSIDER STABLE
INCOMPATIBILITY: NOT INCOMPATIBLE WITH MATERIALS
CONDITIONS TO AVOID: MAY LIBERATE METAL FUMES, METAL OXIDE OR OTHER OXIDES IF EXPOSED TO ELEVATED TEMPERATURES.
COATING CAN REACT WITH ACIDS AND ALKALIS, GIVING OFF HYDROGEN GAS gas.

VII – SPILLS AND DISPOSAL

NO SPECIAL PROCEDURES USUALLY REQUIRED. THIS PRODUCT CAN BE RECYCLED.

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VIII – SPECIAL PROTECTION INFORMATION

NOT APPLICABLE IN THE FORM SUPPLIED

IX – SPECIAL PRECAUTIONS

NOT CLASSIFIED AS DANGEROUS GOODS.
STOW AND SECURE ADEQUATELY TO PREVENT MOVEMENT DURING TRANSPORTATION AND STORAGE. STORE IN A DRY ENVIRONMENT TO PREVENT CORROSION IN STORAGE.

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